FINAL

Remedial Investigation Report for Near-Surface Soils

M-3 Landfill Site

U. S. Army Installation Fort Monmouth
Fort Monmouth, New Jersey

Directorate of Public Works

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Remedial Investigation Report for Near Surface Soils

at the M-3 Landfill Site

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EXECUTIVE SUMMARY

To demonstrate compliance equivalence of the existing soil cover over the M-3 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 203 borings installed at strategic locations over the site. DPW performed soil borings and obtained soil samples between September 1998 and November 1998. All soil samples were analyzed for Target Compound List (TCL) Organics + 30 parameters and Target Analyte List (TAL) metals. The data that exceeded the laboratory method detection limit (MDL) and/or the New Jersey Department of Environmental Protection (NJDEP) Residential Direct Contact Soil Cleanup Criteria (RDCSCC) are summarized in table form in this RIR. Where applicable and appropriate, the data were evaluated utilizing the "compliance averaging" approach to determine compliance with NJDEP RDCSCC.

Concentrations of VOCs, SVOCs, pesticides and PCBs and metals were detected exceeding the NJDEP RDCSCC. In all cases, further analysis of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions. In most cases, either the calculated compliance average was below the respective RDCSCC or the exceedence was considered marginal. However, to address the exceedences of analytes that did not meet cleanup criteria in the near surface soils, the DPW will incorporate a document equivalent to a Declaration of Environmental Restriction (DER) into the Fort Monmouth Master Plan for soils at the site. The Army is requesting a ***No Further Action*** determination for these parameters. The DER equivalent may be developed for the entire M-3 Landfill Site or be restricted to specific areas of the site and specific analytes, as identified in this document.

Given the inactive and undisturbed status of the landfill, the continued performance of long-term surface water and groundwater monitoring proximate to the M-3 Landfill Site, the minimal potential for environmental and/or human health impacts, the lack of groundwater uses at or downgradient of the site, and the distribution, occurrence and relatively low concentrations of contaminants of concern (COCs), ***No Further Action*** is recommended for the near-surface soils at the M-3 Landfill Site.

1.0 INTRODUCTION

Versar, Inc. (Versar) has been contracted by the United States (U.S.) Army Fort Monmouth, Directorate of Public Works (DPW), Fort Monmouth, New Jersey to prepare a Remedial Investigation Report (RIR) for the M-3 Landfill Site. The M-3 Landfill Site is located between North Drive and Lafetra Creek on the Main Post of Fort Monmouth. This RIR presents a compilation of the results of remedial investigation conducted at the M-3 Landfill Site for near-surface soils, and has been prepared in partial fulfillment of Contract No. DACA 51-00-D-004, Delivery Order No. 0004.

1.1 Objectives

The objective of this RIR is to define shallow soil conditions at the M-3 Landfill Site as proposed in DPW's letter, dated July 7, 1998 and approved by the NJDEP in correspondence dated August 10, 1998 (**Appendix A** and **Appendix B**). The remedial investigation was conducted in accordance with NJDEP Technical Requirements for Site Remediation (July 1999), NJAC 7:26E, et seq.

The remedial investigation and subsequent preparation of the RIR encompassed the following:

- Characterization of shallow subsurface soils through soil sampling and laboratory analysis.
- Comparison of the soil sample analytical results with the NJDEP RDCSC.
- Evaluation of each of the analytes found to exceed the RDCSCC using the compliance averaging approach and discussion of site-specific conditions.

1.2 Report Organization

This report is organized to minimize repetition. The findings of the Roy F. Weston, Inc. (Weston) report entitled, *Site Investigation, Fort Monmouth, New Jersey, Main Post and Charles Wood Areas, Site Investigation Report* (December 1995), were used as the basis for this remedial investigation program. **Section 2.0** provides background information and a general description of the M-3 Landfill Site located at Fort Monmouth. **Section 3.0** describes and summarizes the soil sampling activities conducted at the M-3 Landfill Site. **Section 4.0** presents the soil sample analytical results and compliance analysis**.** The sample collection information, sample results and analyses presented in this RIR were incorporated into a proprietary relational database designed to manage sample data and eliminate errors in cross-referencing information between data tables in this section. Recommendations are presented in **Section 5.0**. References used to prepare this report are listed in **Section 6.0**.

2.0 SITE BACKGROUND AND ENVIRONMENTAL SETTING

The following sections describe the site background and environmental setting of the area surrounding Fort Monmouth and the M-3 Landfill Site. Included is a description of the site location, history, current conditions and environmental setting.

2.1 Site Location and Description

Fort Monmouth is located in the central-eastern portion of New Jersey in Monmouth County, approximately 45 miles south of New York City and 70 miles northeast of Philadelphia (**Figure 2-1**). In addition to the Main Post, the installation includes two subposts, the Charles Wood Area and the Evans Area. The Main Post encompasses approximately 630 acres and is generally bounded by State Highway 35, Parkers Creek, Lafetra Creek, the New Jersey Transit Railroad and a residential area to the south. The post was established in 1918 during World War I (WWI) as an Army Signal Corps training center. The Main Post currently provides administrative, training, and housing support functions, as well as providing many of the community facilities for Fort Monmouth. The primary mission of Fort Monmouth is to provide command, administrative, and logistical support for Headquarters, U.S. Army Communications and Electronics Command (CECOM). CECOM is a major subordinate command of the U.S. Army Materiel Command (AMC) and is the host tenant at Fort Monmouth.

The M-3 Landfill was a former historic fill site located on the western portion of the Main Post, between North Drive and Lafetra Creek. The historic fill reportedly contained domestic and industrial wastes. The approximate size of the M-3 Landfill Site area is 257,890 feet^2 (5.9 acres). Based on historical research, the period of operation of the fill site was approximately 1959 to 1964.

2.2 Site Background

The U.S. Army Corps of Engineers (USACE), Baltimore District, initially contracted Roy F. Weston, Inc. (Weston) to perform a field investigation at Fort Monmouth, New Jersey. This investigation was conducted at two separate areas of Fort Monmouth, the Main Post and the Charles Wood areas. Suspected hazardous waste sites were initially identified at Fort Monmouth in a report prepared by the U.S. Army Toxic and Hazardous Materials Agency (USATHAMA, 1980). The USATHAMA report identified 37 sites with known or suspected waste materials on the Main Post and the two subposts (Charles Wood and Evans Area). A background investigation was conducted by Weston of the 37 sites and eight additional sites that were identified by Fort Monmouth and the NJDEP. Weston's findings were described in a report titled, *Investigation of Suspected Hazardous Waste Sites at Fort Monmouth, New Jersey* (1993). In this background report, additional investigations (including sampling and other field work) were recommended at 22 of the sites on the Main Post and Charles Wood areas, including the M-3 Landfill Site. NJDEP approved the recommendations on April 20, 1995. Additional investigations were also

recommended at the Evans Area, and such investigations are being completed under the Base Realignment and Closure (BRAC) program.

The 1995 Weston SI report presents the results of field investigation activities that were performed at 13 sites at the Main Post Area and eight sites at the Charles Wood Area. The results of the investigation of the M-3 Landfill Site are included in the Weston SI report. Initial field investigation activities were performed between November 1994 and March 1995. The field investigation activities included surface geophysical investigations, surface water sampling and groundwater monitoring well installation and sampling. The Weston SI report was used as the basis for the supplemental remedial investigations described in the following sections of this report.

Lithologic data collected from the soil borings indicated that the overburden material consisted of a thin soil cover, approximately 0.3 feet, overlaying fill material consisting of organic debris and slag material intermixed with gravel, sand, silt and clay.

2.3 Environmental Setting

The following is a description of the geological/hydrogeological setting of the area surrounding the M-3 Landfill Site. Included is a description of the regional geology of the area surrounding Fort Monmouth, as well as descriptions of the local geology and hydrogeology of the Main Post Area.

2.3.1 Regional and Local Geology

Monmouth County lies within the New Jersey Section of the Atlantic Coastal Plain physiographic province. The M-3 Landfill Site is located in what is referred to as the Outer Coastal Plain subprovince, or the Outer Lowlands. The geologic map of New Jersey is provided as **Figure 2-2**.

In general, New Jersey Coastal Plain formations consist of a seaward-dipping wedge of unconsolidated deposits of clay, silt, sand and gravel. These formations typically strike northeast-southwest with a dip ranging from 10 to 60 feet per mile and were deposited on Precambrian and lower Paleozoic rocks (Zapecza, 1989). These sediments, predominantly derived from deltaic, shallow marine and continental shelf environments, date from Cretaceous through the Quaternary Periods. The mineralogy ranges from quartz to glauconite.

The formations record several major transgressive/regressive cycles and contain units, which are generally thicker to the southeast and reflect a deeper water environment. More than 20 regional geologic units are present within the sediments of the Coastal Plain. Regressive, upward coarsening deposits are usually aquifers (e.g., Englishtown and Kirkwood Formations and the Cohansey Sand), while the transgressive deposits act as confining units (e.g., the Merchantville, Marshalltown and Navesink Formations). The individual thickness for these units varies greatly (e.g., from several feet to several hundred feet). The Coastal Plain deposits thicken to the southeast from the Fall Line

(e.g., a boundary zone between older, resistant rocks and younger, softer plain sediments) to greater than 6,500 feet in Cape May County (Brown and Zapecza, 1990).

Based on the regional geologic map (Jablonski, 1968), the Cretaceous age Red Bank and Tinton Sands outcrop at the Main Post area. The Red Bank Sand conformably overlies the Navesink Formation and dips to the southeast at 35 feet per mile. The upper member (Shrewsbury) of the Red Bank Sand is a yellowish-gray to reddish brown clayey, medium-to-coarse-grained sand that contains abundant rock fragments, minor mica and glauconite (Jablonski). The lower member (Sandy Hook) is a dark gray to black, medium-to-fine grained sand with abundant clay, mica and glauconite.

The Tinton Sand conformably overlies the Red Bank Sand and ranges from a clayey medium to very coarse-grained feldspathic-quartz and glauconite-sand to a glauconitic-coarse sand. The color varies from dark yellowish orange or light brown to moderate brown and from light olive to grayish olive. Glauconite may constitute 60 to 80 percent of the sand fraction in the upper part of the unit. The upper part of the Tinton is often highly oxidized and iron oxide encrusted (Minard, 1969). Groundwater occurs beneath the site at a depth of approximately 2 to 12 feet bgs.

The Kirkwood Formation (part of the Kirkwood-Cohansey system) crops out southeast of the Main Post and dips to the southeast at a slope of 20 feet per mile (Jablonski, 1968). The Kirkwood Formation consists of alternating layers of sand and clay. The upper unit is a light gray to yellowish-brown, fine-grained quartz sand with quartz nodules and small pebbles. The lower unit is a brown silt in Monmouth County (Jablonski, 1968).

As presented in the *Site Investigation Report - Main Post and Charles Wood Areas, Fort Monmouth, New Jersey*, prepared by Weston, Inc, December 1995 (Weston SI), several natural and anthropogenic factors contribute to the wide range in concentrations of metals in soils, which further impact the concentration of metals in groundwater. Soils derived from the glauconitic sands contain abundant aluminum, calcium, potassium, iron, magnesium and manganese (among others), which are likely to be present at elevated concentrations in the groundwater, particularly when sediments are entrained in the collected groundwater samples.

As presented in the Weston SI Report (relevant portions presented in **Appendix C**), the lithologic logs from monitoring well installations indicate that the lithology at the M-3 Landfill Site consists of a thin soil cover (0.3 feet) underlain by fill material. The components of the fill materials observed in the borings consist of organic debris and slag material intermixed with gravel, sand, silt and clay. Groundwater saturation was observed at approximately 8-10 feet below ground surface (bgs) across the site. Water-level elevation data collected during the Weston SI indicates that local groundwater flow is consistently to the north toward Lafetra Creek.

2.3.2 Hydrogeology

Fort Monmouth lies in the Atlantic and Eastern Gulf Coastal Plain groundwater region (Meisler et al., 1988). This groundwater region is underlain by undeformed, unconsolidated to semi-consolidated sedimentary deposits. The chemistry of the water near the surface is variable with low dissolved solids and high iron concentrations. The water chemistry in areas underlain by glauconitic sediments (such as Red Bank, Tinton and Hornerstown Sands) is dominated by calcium, magnesium, manganese, aluminum and iron. The sediments in the area of Fort Monmouth were deposited in fluvial-deltaic to near shore environments.

The water table aquifer in the Main Post Area is identified as part of the "Navesink-Hornerstown Confining Units," or minor aquifers. The minor aquifers include the Navesink formation, Red Bank Sand, Tinton Sand, Hornerstown Sand, Vincentown Formation, Manasquan Formation, Shark River Formation, Piney Point Formation and the basal clay of the Kirkwood Formation. These geologic formations comprise a "Composite Confining Bed" for the Wenonah Mount Laurel Aquifer (Zapecza, 1984).

Wells installed in the Red Bank and Tinton Sands produce 2 to 25 gallons per minute (gpm) (Jablonski, 1968). Groundwater is typically encountered at the Main Post and in the surrounding areas at shallow depths below ground surface (2 to 9 feet bgs). Water in the surficial aquifer generally flows east toward the Atlantic Ocean.

Based on a review of the NJDEP GWQS (NJAC 7:9-6), January 7, 1993, Versar has determined that the site is underlain by a Class III-A aquifer. A formal presentation of this finding was made to the NJDEP on April 17, 2001. The primary designated use for Class III-A groundwater is the release or transmittal of groundwater to adjacent classification areas and surface water, as relevant. Secondary designated uses in Class III-A include any reasonable use.

Shallow groundwater may be locally influenced within the Main Post Area by the following factors:

- Tidal influence (based on proximity to the Atlantic Ocean, rivers, and tributaries)
- Topography
- Nature of the fill material within the Main Post area
- Presence of clay and silt lenses in the natural overburden deposits
- Local groundwater recharge areas (i.e., streams, lakes)
- Roadways, utility conduits, and stormwater culverts

Due to the fluvial nature of the overburden deposits (e.g., sand and clay lenses), shallow groundwater flow direction is best determined on a case-by-case basis.

2.3.3 Soils

According to the U.S. Department of Agriculture (USDA), Soil Conservation Service, Monmouth County Soil Survey, the majority of the Main Post is covered by urban land (**Figure 2-3**). The soil survey described urban land as areas where concrete, asphalt, buildings, shopping centers, airports or other impervious surfaces cover 80 percent or more of the surface. In addition, the survey indicated that the natural subsurface soils have largely been replaced with artificial or foreign fill materials (developed land with disturbed soils). The following soil series and classification units are mapped in the Main Post Area:

- DoB Downer sandy loam (with 2 to 5 percent slopes);
- FrB Freehold sandy loam (with 2 to 5 percent slopes);
- FUB Freehold sandy loam/urban land complex (with 0 to 10 percent slopes);
- HV Humaquepts, frequently flooded;
- KvA Kresson loam (with 0 to 5 percent slopes);
- UA Udorthents, smoothed; and
- UD Udorthents – urban land complex (with 0 to 3 percent slopes).

The Downer series soils are well-drained soils that are found on uplands and terraces. The soils are formed in acid, silty coastal plain sediments. The Freehold soils are also well drained and are formed in acid, loamy, coastal plain sediments that, by volume, are one to 10 percent glauconite and are found on uplands. The Humaquepts soils are somewhat poorly- to very poorly-drained soils that are formed in stratified, sandy, or loamy sediments of fluvial origins. The Humaquepts soils are located on the floodplain and are subject to flooding several times each year. The Kresson loam is a nearly level to gently sloping soil and is somewhat poorly drained. The soil is found on low divides and in depressions. The Udorthents soils have been altered by excavation or filling activities. In filled areas, these soils consist of loamy material that is more than 20 inches thick. The filled areas include floodplain, tidal marshes and areas with moderately well drained to very poorly drained soils. Some Udorthent soils contain concrete, asphalt, metal and glass. The soils in the vicinity of the M-3 Landfill Site are classified as DoB – Downer sandy loan (with 2 to 5 percent slopes) (Weston, 1995).

2.3.4 Topography and Surface Drainage

Over the last 80 years, the natural topography of Fort Monmouth has been altered by excavation and filling activities conducted by the military. The land surface at the Main Post is relatively flat and ranges in elevation from approximately 4 feet above mean sea level (amsl) in the east at Oceanport Creek to 32 feet amsl at the western end of the post, near Highway 35. The eastern half of the post is generally 10 feet amsl in elevation.

Surface water runoff from the western part of the Main Post flows into the Lafetra Creek to the north or into Mill Creek to the south. The USGS topographic map (**Figure 2-1**)

shows the Lafetra Creek as Parkers Creek Branch and Mill Creek as Wampum. Both Mill Creek and Lafetra Creek originate off-post. Mill Creek flows along the southern boundary of the Main Post, turning north just past the Auto Craft Shop. Lafetra Creek forms the northern boundary of the Main Post and joins Mill Creek to form Parkers Creek. Husky Brook flows eastward in the southern part of the Main Post from Husky Brook Lake and into Oceanport Creek. Parkers Creek flows eastward along the northern boundary and joins Oceanport Creek east of the post. Most of Husky Brook, Parkers Creek, Lafetra Creek and Mill Creek are tidally influenced.

The U.S. Fish and Wildlife Service (FWS) National Wetland Inventory Long Branch quadrangle maps indicate the presence of wetlands at the Main Post. Parkers Creek and Oceanport Creek are classified as estuarine intertidal aquatic beds. The area of Parkers Creek and the part of Oceanport Creek/Husky Brook are classified as estuarine intertidal emergent wetlands. Lafetra Creek and Mill Creek are classified as riverine lower perennial open water/unknown bottom.

The M-3 Landfill Site is located on the south side of Lafetra Creek, which flows eastward into Parkers Creek. The USGS topographic map (**Figure 2-1**) shows that the land surface of the site is relatively flat at an elevation of less than 20 feet amsl. Surface water runoff from the M-3 Landfill Site is likely to flow northward into Lafetra Creek.

3.0 SITE ACTIVITIES

The DPW conducted this remedial investigation in accordance that the NJDEP Technical Requirements for Site Remediation (N.J.A.C. 26:E) to characterize near surface soils and assess potential risks to human health or the environment. The remedial investigation activities consisted of the collection of near-surface soil samples at the M-3 Landfill Site. Remedial investigation activities were performed from September 1998 and continued through November 1998. These activities were managed by the Fort Monmouth DPW and performed by TECOM-Vinnell Services (TVS). The details of remedial investigation activities that occurred at the M-3 Landfill Site are described below.

The DPW characterized the near-surface soils at the M-3 Landfill Site by completing 203 borings (B1-B173 and B175-B203) at the site. Samples were collected using a 2-inch Geoprobe® Macrocore sampler. Sampling activities were performed in accordance with the *Fort Monmouth Standard Sampling Operating Procedure* (December 1997). A total of 408 soil samples were collected from the 203 borings and were analyzed for the presence of VOCs, SVOCs, pesticides, PCBs and TAL metals. The soil boring locations were located in and around the M-3 Landfill Site as identified in the Weston SI (1995). The locations of the borings were established in a grid-like pattern within the previously designated boundaries of the M-3 Landfill Site.

Each of the soil samples, except those prepared for VOC analysis, were collected between approximately 0 and 12 inches bgs. VOC samples were taken at approximately 24 inches bgs since surface soils would not be expected to retain volatile constituents over time.

Laboratory analyses of the samples collected at the M-3 Landfill Site were conducted at the Fort Monmouth Environmental Testing Laboratory (FMETL), a New Jersey certified laboratory (Certification No. 13461). The locations of these 203 borings are shown in **Figure 3-1**. A summary of the soil sample collection information and analyses performed is provided in **Table 3-1**. Soil sample laboratory data sheets are provided in **Appendix D**. Soil boring logs are presented in **Appendix E**. Soil analytical results are discussed in **Section 4.0**.

4.0 SOIL SAMPLING RESULTS AND COMPLIANCE ANALYSIS

A summary of the laboratory analytical results for near-surface soils at the M-3 Landfill Site is discussed below. The results were compared with the Cleanup Standards for Contaminated Sites (N.J.A.C. 7:26D), which was revised with Soil Cleanup Criteria dated May 12, 1999. The soil analytical results are presented by analyte (VOCs, SVOCs, Pesticides and PCBs and TAL Metals) and compare the analytical data with the NJDEP RDCSCC. Exceedences of the RDCSCC were subjected to further evaluation involving compliance averaging and site-specific considerations. All of the soil sample results in this report are expressed in milligrams per kilogram (mg/kg), equivalent to parts per million (ppm).

4.1 Soil Analytical Results

The analytical results from the 408 soil samples collected from 203 borings at the M-3 Landfill Site are discussed below, and are included in **Table 4-1**. The soil analytical data is provided in **Appendix D**. The data presented in **Table 4-1** are compared to the RDCSCC. Soil samples from the 203 borings at the M-3 Landfill Site were analyzed for VOCs, SVOCs, pesticides and PCBs and metals. The results that exceeded the respective RDCSCC are shaded in **Table 4-1**.

4.1.1 VOCs

VOC analyses were conducted on soil samples collected from the 203 soil borings at the M-3 Landfill Site (see **Figure 4-1**). Each of these soil samples was collected at approximately the same depth range, 24 inches bgs.

Soil cleanup criteria for VOCs were exceeded in two of the 203 soil boring locations. The borings that presented exceedences of VOCs are listed in **Table 4-2**. Two VOCs were detected in site soils at concentrations above the RDCSCC. The two VOCs that exceeded the RDCSCC are, with number of exceedences in parentheses, Acrylonitrile (1) and Chlorobenzene (1). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- Acrylonitrile was detected in one site soil sample above the RDCSCC of 1.0 mg/kg at a concentration of 1.4 mg/kg (B162).

- Chlorobenzene was detected in one site soil sample above the RDCSCC of 37 mg/kg at a concentration of 38 mg/kg (B170).

4.1.2 SVOCs

SVOC analyses were conducted on soil samples collected from the 203 soil borings at the M-3 Landfill Site (see **Figure 4-2**). Each of these soil samples was collected at approximately the same depth range, 6-12 inches bgs.

Soil cleanup criteria for SVOCs were exceeded in 32 of the 203 soil boring locations. The borings that presented exceedences of SVOCs are listed in **Table 4-2**. Seven SVOCs were detected in site soils at concentrations above the RDCSCC. The seven SVOCs that exceeded the RDCSCC are, with number of exceedences in parentheses, Benzo(a)anthracene (24), Benzo(a)pyrene (32), Benzo(b)fluoranthene (27), Benzo(k)fluoranthene (26), Chrysene (5), Dibenz(a,h)anthracene (8), and Indeno(1,2,3-cd)pyrene (17). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- Benzo(a)anthracene was detected in 24 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.99 mg/kg (B71) to a maximum of 160 mg/kg (B40). The average exceedence concentration for Benzo(a)anthracene is 10.87 mg/kg.

- Benzo(a)pyrene was detected in 32 site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 0.69 mg/kg (B159) to a maximum of 240 mg/kg (B40). The average exceedence concentration for Benzo(a)pyrene is 11.10 mg/kg.

- Benzo(b)fluoranthene was detected in 27 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.95 mg/kg (B150) to a maximum of 260 mg/kg (B40). The average exceedence concentration for Benzo(b)fluoranthene exceedences is 13.90 mg/kg.

- Benzo(k)fluoranthene was detected in 26 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 1.1 mg/kg (B89) to a maximum of 130 mg/kg (B40). The average exceedence concentration for Benzo(k)fluoranthene is 7.48 mg/kg.

- Chrysene was detected in five site soil samples above the RDCSCC of 9.0 mg/kg. The exceedence concentrations ranged from a minimum of 12 mg/kg (197) to a maximum of 310 mg/kg (B40). The average exceedence concentration for Chrysene is 81.40 mg/kg.

- Dibenz(a,h)anthracene was detected in eight of the site soil samples above the RDCSCC of 0.66 mg/kg. The exceedence concentrations ranged from a minimum of 0.8 mg/kg (B24) to a maximum of 55 mg/kg (B40). The average of the Dibenz(a,h)anthracene exceedences is 9.33 mg/kg.

- Indeno(1,2,3-cd)pyrene was detected in 17 of the site soil samples above the RDCSCC of 0.9 mg/kg. The exceedence concentrations ranged from a minimum of 0.95 mg/kg (B121, B137) to a maximum of 150 mg/kg (B40). The average exceedence concentration for Indeno(1,2,3-cd)pyrene is 11.33 mg/kg.

4.1.3 Pesticides and PCBs

Pesticide and PCB analyses were conducted on soil samples collected from the 203 borings at the M-3 Landfill Site (see **Figure 4-3**). Each of these soil samples was collected at approximately the same depth range, 6-12 inches bgs. Each of the 203 borings was analyzed for 19 pesticides and seven PCB compounds.

Soil cleanup criteria for pesticides were exceeded in eight of the 203 soil boring locations. The borings that presented exceedences of pesticides are listed in **Table 4-2**. Three pesticides were detected in site soils at concentrations above their respective RDCSCC. The three pesticides that exceeded the RDCSCC are, with number of exceedences in parentheses, 4,4'-DDE (1), 4,4'-DDT (6) and Dieldrin (2). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- 4,4'-DDE was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 6.677 mg/kg (B134).

- 4,4'-DDT was detected in six of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 3.4 mg/kg (B93) to a maximum of 10.216 mg/kg (B134). The average exceedence concentration for 4,4'-DDT is 5.67 mg/kg.

- Dieldrin was detected in two of the site soil samples above the RDCSCC of 0.042 mg/kg. The exceedence concentrations ranged from a minimum of 0.06 mg/kg (B81) to a maximum of 0.063 mg/kg (B111). The average exceedence concentration for Dieldrin is 0.06 mg/kg.

Soil cleanup criteria for PCBs were exceeded in four of the 203 soil boring locations. The borings that presented exceedences of PCBs are listed in **Table 4-2**. One PCB was detected in site soils at concentrations above its RDCSCC. The PCB that exceeded the RDCSCC is, with number of exceedences in parentheses, Arochlor 1260 (4). **Table 4-3** presents a summary of the results, identifying the maximum, minimum and average exceedences for this parameter. A discussion of these exceedences is presented below.

- Arochlor 1260 was detected in four of the site soil samples above the RDCSCC of 0.49 mg/kg. The exceedence concentrations ranged from a minimum of 1.479

mg/kg (B81) to a maximum of 23.639 mg/kg (B92). The average exceedence concentration for Arochlor 1260 is 7.39 mg/kg.

4.1.4 Metals

The soil samples from the 203 borings (see **Figure 4-4**) were analyzed for 24 TAL metals. The samples were collected from depths of 6-12 inches. A total of eight metals were detected at concentrations above their respective RDCSCC at 54 of 203 boring locations. The borings that contained exceedences of metals are listed in **Table 4-2**. The eight metals that exceeded the RDCSCC in the borings are, with the number of exceedences in parentheses, Arsenic (32), Barium (1), Beryllium (16), Cadmium (1), Copper (1), Lead (10), Mercury (3) and Zinc (1). **Table 4-3** presents a summary of the results, presenting the maximum, minimum and average exceedences for each of these parameters. A discussion of these exceedences is presented below.

- Arsenic was detected in 32 of the site soil samples above the RDCSCC of 20 mg/kg. The exceedence concentrations ranged from a minimum of 20.2 mg/kg (B30) to a maximum of 551 mg/kg (B31). The average exceedence concentration for Arsenic is 47.23 mg/kg.

- Barium was detected in one site soil sample above the RDCSCC of 700 mg/kg at a concentration of 849 mg/kg (B160).

- Beryllium was detected in 16 of the site soil samples above the RDCSCC of 2.0 mg/kg. The exceedence concentrations ranged from a minimum of 2.01 mg/kg (B96) to a maximum of 3.18 mg/kg (B114, B136). The average exceedence concentration for Beryllium is 2.46 mg/kg.

- Cadmium was detected above the RDCSCC of 39 mg/kg in one site soil sample at a concentration of 1,140 mg/kg (B90).

- Copper was detected above the RDCSCC of 600 mg/kg in one site soil sample at a concentration of 927 mg/kg (B61).

- Lead was detected above the RDCSCC of 400 mg/kg in ten site soil samples. The exceedence concentrations ranged from a minimum of 454 mg/kg (B111) to a maximum of 2,580 mg/kg (B160). The average exceedence concentration for Lead is 988.50 mg/kg.

- Mercury was detected above the RDCSCC of 14 mg/kg in three site soil samples. The exceedence concentrations ranged from a minimum of 16.1 mg/kg (B107) to a maximum of 18.3 mg/kg (B150). The average exceedence concentration for Mercury is 16.87 mg/kg.

- Zinc was detected above the RDCSCC of 1,500 mg/kg in one site soil sample at a concentration of 31,900 mg/kg (B160).

4.2 Compliance Analysis Method

The first step in determining compliance with the NJDEP Technical Requirements for Site Remediation (7:26E) at the M-3 Landfill Site was to complete the soil sampling analysis. The analytical results from the 408 soil samples collected from 203 borings at the M-3 Landfill Site are discussed above and are included in **Table 4-1**. The method used to determine regulatory compliance is portrayed as a decision tree in **Figure 4-5** and described below.

Figures 4-1, **4-2**, **4-3** and **4-4** present the analytical results for VOCs, SVOCs, pesticides and PCBs and metals, respectively, by soil boring, for those analytes that exceeded the RDCSCC at one or more locations. The results for each analyte presented are uniquely colored at each boring location, and results that exceed the respective RDCSCC have been "boxed" in "red." These results are discussed in greater detail in **Section 4.2**. The borings that contained exceedences of the RDCSCC are shown in **Table 4-2**.

For many of the analytical results that exceeded the RDCSCC, the "compliance averaging" approach was then used to determine compliance with NJDEP technical requirements. Compliance averaging uses the average contaminant concentration in an area of concern rather than the contaminant concentration of individual samples for comparison to applicable soil cleanup criteria. The NJDEP policy for compliance averaging is presented in an article entitled, *Compliance Averaging*, from the NJDEP Spring 1995 (Volume 7, No. 2 – Article 08) issue of *Site Remediation News*.

There are several analyte-specific conditions that determine whether compliance averaging can be applied to an exceedence of NJDEP soil cleanup criteria, including maximum analytical results ("ceilings") for individual samples based on the particular NJDEP criterion, as well as specific requirements for arsenic, thallium, beryllium, Benzo(a)pyrene and Dibenz(a,h)anthracene. The compliance analysis method used for the M-3 Landfill Site for each detected analyte that exceeded the respective RDCSCC is summarized in the last column in **Table 4-4**.

Compliance averaging was performed for analytes that met the requirements as summarized in **Figure 4-5**. Compliance average areas were identified within the M-3 Landfill Site based on analyte category (such as VOCs, SVOCs, etc.). The boundaries for these areas of concern were based on areas within that M-3 Landfill Site that presented exceedences of the RDCSCC. Soil borings outside of the areas of concern (referred to as "clean areas" in NJDEP, 1995) presented contaminant concentrations below the RDCSCC and were not included in calculating compliance averages. The boundaries of the compliance average areas are shown in **Figures 4-1** (VOCs), **4-2** (SVOCs), **4-3** (pesticides and PCBs) and **4-4** (metals). The compliance average area names are shown in **Appendix F**. The compliance average area names are defined

according to the analyte category, such as "AREA VOC-1." When calculating average results, the following rules applied:

1) One-half the MDL was used for non-detect (ND) results.
2) If a sample was diluted, ND results were not used in computing the average.
3) For estimated results (results with "J" qualifiers), the estimated result was used for computing the averages.
4) Compliance averages were calculated as the mean of the results incorporating the ND and estimated results described above.

The compliance averages areas are presented in **Appendix F** and summarized in **Table 4-5**. Compliance averages that were below the NJDEP criteria for a particular analyte justify a recommendation for No Further Action. No Further Action was also justified if a compliance average meets the following conditions for *de minimus* exceedence:

1) Compliance averages met the same analyte-specific conditions that are used for determining whether compliance averaging can be applied,
2) Contaminant concentrations were found within a limited area (for the M-3 Landfill Site, a 15-foot radius, or one-half the grid-spacing, was used for the *de minimus* area determination),
3) Evaluation of contaminant mass, persistence, and location indicated limited potential for significant human health or environmental impacts, and
4) There can only be one *de minimus* exemption per area of concern.

Finally, if an analyte did not meet the *de minimus* conditions, or did not meet the analyte-specific conditions required to perform compliance averaging, additional site-specific parameters were considered as conditions for a No Further Action proposal. If further analysis of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions, then the exceedence was considered marginal, or an isolated location and no further action is warranted for the near surface soils. However, to further address the exceedences in the near surface soils, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan for soils at the M-3 Landfill Site presenting the exceedence.

4.3 Compliance Analysis

The Compliance analysis method used to evaluate exceedences of the RDCSCC is presented in **Table 4-4,** and the discussion below is presented for VOCs, SVOCs, pesticides and PCBs and metals and compares the analytical data with the RDCSCC. **Table 4-5** summarizes the compliance averaging results. A summary of the compliance analysis for analytes that exceeded the RDCSCC is provided in **Table 4-6**.

4.3.1 VOCs

Two VOCs were detected in site soils at concentrations above their respective RDCSCC: Acrylonitrile and Chlorobenzene. For the purposes of compliance analysis, the sample

locations with exceedences of the RDCSCC for VOCs have been grouped into one area, AREA VOC-1. The borings contained within this compliance average area are labeled in **Figure 4-1** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

Acrylonitrile (AREA VOC-1)

Acrylonitrile was detected in one site soil sample above the RDCSCC of 1.0 mg/kg at a concentration of 1.4 mg/kg.

Compliance averaging conducted for Acrylonitrile in AREA VOC-1 yielded the compliance average concentration of 1.1 mg/kg. Therefore, the compliance average for Acrylonitrile in AREA VOC-1 is marginally above the RDCSCC of 1.0 mg/kg and is not of concern.

These findings support a No Further Action determination for Acrylonitrile in near-surface soils at the M-3 Landfill Site.

Chlorobenzene (AREA VOC-1)

Chlorobenzene was detected in one site soil sample above the RDCSCC of 37 mg/kg at a concentration of 38 mg/kg.

Compliance averaging conducted for Chlorobenzene in AREA VOC-1 yielded the compliance average concentration of 6.458 mg/kg. Therefore, the compliance average for Chlorobenzene in AREA VOC-1 is below the RDCSCC of 1.0 mg/kg and is not of concern.

These findings support a No Further Action determination for Chlorobenzene in near-surface soils at the M-3 Landfill Site.

4.3.2 SVOCs

Seven SVOCs were detected in site soils at concentrations above their respective RDCSCC: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene and Indeno(1,2,3-cd)pyrene. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for SVOCs have been grouped into three areas, AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3. The borings contained within these compliance average areas are labeled in **Figure 4-2** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

Benzo(a)anthracene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Benzo(a)anthracene was detected in 24 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.99 mg/kg to 160 mg/kg (average exceedence

concentration of 10.87 mg/kg). Because the maximum concentration of Benzo(a)anthracene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1 and AREA SVOC-2, compliance averaging was not appropriate for Benzo(a)anthracene for these areas of the M-3 Landfill Site.

Compliance averaging conducted for Benzo(a)anthracene in AREA SVOC-3 yielded the compliance average concentration of 0.1.506 mg/kg. Therefore, the compliance average for Benzo(a)anthracene in AREA SVOC-3 is marginally above the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(a)anthracene in the areas of the site identified as AREA SVOC-1 and AREA SVOC-2 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(a)anthracene at the M-3 Landfill Site (AREA SVOC-1 and AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Benzo(a)anthracene in near-surface soils at the M-3 Landfill Site.

Benzo(a)pyrene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Benzo(a)pyrene was detected in 32 site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 0.69 mg/kg to 240 mg/kg (average exceedence concentration of 11.10 mg/kg). Compliance averaging was not undertaken for Benzo(a)pyrene because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), NJDEP's guidance regarding the use of multiplication factors (initially applied to RDCSCCs to limit the maximum allowable concentration for individual samples) had changed. NJDEP's current guidance is to apply the multiplication factors to health based criteria, not RDCSCC. The health-based criteria for Benzo(a)pyrene in soil is 0.09 mg/kg. Applying the 10X factor to 0.09 mg/kg means that no individual sample may exceed 0.9 mg/kg for the purposes of compliance averaging. Therefore, compliance averaging was not appropriate for the M-3 Landfill Site with respect to Benzo(a)pyrene.

Due to the limited presence of Benzo(a)pyrene in the areas of the M-3 Landfill Site identified as AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(a)pyrene at the M-3 Landfill Site (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Benzo(a)pyrene in near-surface soils at the M-3 Landfill Site.

Benzo(b)fluoranthene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Benzo(b)fluoranthene was detected in 27 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.95 mg/kg to 260 mg/kg (average exceedence concentration of 13.90 mg/kg). Because the maximum concentration of Benzo(b)fluoranthene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-1 and AREA SVOC-2, compliance averaging was not appropriate for Benzo(b)fluoranthene for these areas of the M-3 Landfill Site.

Compliance averaging was conducted for Benzo(b)fluoranthene in AREA SVOC-3 and found to be 1.547 mg/kg. Therefore, the compliance average for Benzo(b)fluoranthene in AREA SVOC-3 is marginally above the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(b)fluoranthene in the areas of the site identified as AREA SVOC-1 and AREA SVOC-2 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(b)fluoranthene at the M-3 Landfill Site (AREA SVOC-1 and AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Benzo(b)fluoranthene in near-surface soils at the M-3 Landfill Site.

Benzo(k)fluoranthene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Benzo(k)fluoranthene was detected in 26 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 1.1 mg/kg to 130 mg/kg (average exceedence concentration of 7.48 mg/kg). Because the maximum concentration of Benzo(k)fluoranthene was greater than the 10X ceiling limit of 9 mg/kg in AREA SVOC-2, compliance averaging was not appropriate for Benzo(k)fluoranthene for this area of the M-3 Landfill Site.

Compliance averaging was conducted for Benzo(k)fluoranthene in AREA SVOC-1 and found to be 1.028 mg/kg. Therefore, the compliance average for Benzo(k)fluoranthene in AREA SVOC-1 is marginally above the RDCSCC of 0.9 mg/kg and is not of concern.

Compliance averaging was conducted for Benzo(k)fluoranthene in AREA SVOC-3 and found to be 1.143 mg/kg. Therefore, the compliance average for Benzo(k)fluoranthene in AREA SVOC-1 is marginally above the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Benzo(k)fluoranthene in the area of the site identified as AREA SVOC-2 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Benzo(k)fluoranthene at the M-3 Landfill Site (AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent and compliance

averaging approach support a No Further Action determination for Benzo(k)fluoranthene in near-surface soils at the M-3 Landfill Site.

Chrysene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Chrysene was detected in five site soil samples above the RDCSCC of 9.0 mg/kg at concentrations of 12 mg/kg and 310 mg/kg (average exceedence concentration of 81.40 mg/kg). Because the maximum concentration of Chrysene was greater than the 10X ceiling limit of 90 mg/kg in AREA SVOC-2, compliance averaging was not appropriate for Chrysene for this area of the M-3 Landfill Site.

Compliance averaging conducted for Chrysene in AREA SVOC-1 yielded the compliance average concentration of 2.238 mg/kg. Therefore, the compliance average for Chrysene in AREA SVOC-1 is below the RDCSCC of 9 mg/kg and is not of concern.

Compliance averaging conducted for Chrysene in AREA SVOC-3 yielded the compliance average concentration of 2.669 mg/kg. Therefore, the compliance average for Chrysene in AREA SVOC-3 is below the RDCSCC of 9 mg/kg and is not of concern.

Due to the limited presence of Chrysene in the area of the site identified as AREA SVOC-2 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Chrysene at the M-3 Landfill Site (AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Chrysene in near-surface soils at the M-3 Landfill Site.

Dibenz(a,h)anthracene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Dibenz(a,h)anthracene was detected in eight of the site soil samples above the RDCSCC of 0.66 mg/kg at concentrations ranging from 0.8 mg/kg to 55 mg/kg (average exceedence concentration of 9.33 mg/kg). Compliance averaging was not undertaken for Dibenz(a,h)anthracene because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), NJDEP's guidance regarding the use of multiplication factors (initially applied to RDCSCCs to limit the maximum allowable concentration for individual samples) had changed. NJDEP's current guidance is to apply the multiplication factors to health based criteria, not RDCSCC. The health-based criteria for Dibenz(a,h)anthracene in soil is 0.09 mg/kg. Applying the 10X factor to 0.09 mg/kg means that no individual sample may exceed 0.9 mg/kg for the purposes of compliance averaging. Therefore, compliance averaging was not appropriate for the M-3 Landfill Site with respect to Dibenz(a,h)anthracene.

Due to the limited presence of Dibenz(a,h)anthracene in the areas of the M-3 Landfill Site identified as AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW

will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Dibenz(a,h)anthracene at the M-3 Landfill Site (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Dibenz(a,h)anthracene in near-surface soils at the M-3 Landfill Site.

Indeno(1,2,3-cd)pyrene (AREA SVOC-1, AREA SVOC-2 and AREA SVOC-3)

Indeno(1,2,3-cd)pyrene was detected in 17 of the site soil samples above the RDCSCC of 0.9 mg/kg at concentrations ranging from 0.95 mg/kg to 150 mg/kg (average exceedence concentration of 11.33 mg/kg). Because the maximum concentration of Indeno(1,2,3-cd)pyrene was greater than the 10X ceiling limit of 90 mg/kg in AREA SVOC-2, compliance averaging was not appropriate for Indeno(1,2,3-cd)pyrene for this area of the M-3 Landfill Site.

Compliance averaging conducted for Indeno(1,2,3-cd)pyrene in AREA SVOC-1 yielded the compliance average concentration of 0.90 mg/kg. Therefore, the compliance average for Indeno(1,2,3-cd)pyrene in AREA SVOC-1 does not exceed the RDCSCC of 0.9 mg/kg and is not of concern.

Compliance averaging for Indeno(1,2,3-cd)pyrene in AREA SVOC-3 yielded the compliance average concentration of 0.934 mg/kg. Therefore, the compliance average for Indeno(1,2,3-cd)pyrene in AREA SVOC-3 is marginally above the RDCSCC of 0.9 mg/kg and is not of concern.

Due to the limited presence of Indeno(1,2,3-cd)pyrene in the area of the M-3 Landfill Site identified as AREA SVOC-2 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Indeno(1,2,3-cd)pyrene at the M-3 Landfill Site (AREA SVOC-2) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Indeno(1,2,3-cd)pyrene in near-surface soils at the M-3 Landfill Site.

4.3.3 Pesticides and PCBs

Three pesticides were detected in site soils at concentrations above their respective RDCSCC: 4,4'-DDE, 4,4'-DDT and Dieldrin. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for pesticides have been grouped into two areas, AREA PESTPCB-1 and AREA PESTPCB-2. The borings contained within these compliance average areas are labeled in **Figure 4-3** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

4,4'-DDE (AREA PESTPCB-1)

4,4'-DDE was detected in one site soil sample above the RDCSCC of 2.0 mg/kg at a concentration of 6.677 mg/kg.

Compliance averaging for 4,4'-DDE in AREA PESTPCB-1 yielded the compliance average concentration of 0.768 mg/kg. Therefore, the compliance average for 4,4'-DDE in AREA PESTPCB-1 is below the RDCSCC of 2.0 mg/kg and is not of concern.

These findings support a No Further Action determination for 4,4'-DDE in near-surface soils at the M-3 Landfill Site.

4,4'-DDT (AREA PESTPCB-1 and AREA PESTPCB-2)

4,4'-DDT was detected in six of the site soil samples above the RDCSCC of 2.0 mg/kg at concentrations ranging from 3.4 mg/kg to 10.216 mg/kg (average exceedence concentration of 5.67 mg/kg).

Compliance averaging for 4,4'-DDT in AREA PESTPCB-1 yielded the compliance average concentration of 1.630 mg/kg. Therefore, the compliance average for 4,4'-DDT in AREA PESTPCB-1 is below the RDCSCC of 2.0 mg/kg and is not of concern.

Compliance averaging for 4,4'-DDT in AREA PESTPCB-2 yielded the compliance average concentration of 2.034 mg/kg. Therefore, the compliance average for 4,4'-DDT in AREA PESTPCB-2 is marginally above the RDCSCC of 2.0 mg/kg and is not of concern.

These findings support a No Further Action determination for 4,4'-DDT in near-surface soils at the M-3 Landfill Site.

Dieldrin (AREA PESTPCB-1)

Dieldrin was detected in two of the site soil samples above the RDCSCC of 0.042 mg/kg at concentrations ranging from 0.06 mg/kg to 0.063 mg/kg (average exceedence concentration of 0.06 mg/kg).

Compliance averaging for Dieldrin in AREA PESTPCB-1 yielded the compliance average concentration of 0.016 mg/kg. Therefore, the compliance average for Dieldrin in AREA PESTPCB-2 is below the RDCSCC of 0.042 mg/kg and is not of concern.

These findings support a No Further Action determination for Dieldrin in near-surface soils at the M-3 Landfill Site.

One PCB was detected in site soils at concentrations above its RDCSCC: Arochlor 1260. For the purposes of compliance analysis, the sample locations with exceedences of the RDCSCC for PCBs have been grouped into one area, AREA PESTPCB-1. The borings contained within this compliance average area are labeled in **Figure 4-3** and listed in

Appendix F. The compliance analysis method for this compound is presented in **Table 4-4**.

Arochlor 1260 (AREA PESTPCB-1)

Arochlor 1260 was detected in four of the site soil samples above the RDCSCC of 0.49 mg/kg at concentrations ranging from 1.479 mg/kg to 23.639 mg/kg (average exceedence concentration of 7.39 mg/kg). Because the maximum concentration of Arochlor 1260 was greater than the 10X ceiling limit of 4.9 mg/kg in AREA PESTPCB-1, compliance averaging was not appropriate for Arochlor 1260 for this area of the M-3 Landfill Site.

Due to the limited presence of Arochlor 1260 in the area of the site identified as AREA PESTPCB-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Arochlor 1260 at the M-3 Landfill Site (AREA PESTPCB-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Arochlor 1260 in near-surface soils at the M-3 Landfill Site.

4.3.4 Metals

Eight metals were detected at concentrations above their respective RDCSCC: Arsenic, Barium, Beryllium, Cadmium, Copper, Lead, Mercury and Zinc. For the purpose of compliance analysis, the sample locations with exceedences of the RDCSCC for metals have been grouped into one area, AREA METALS-1. The borings contained within these compliance average areas are labeled in **Figure 4-4** and listed in **Appendix F**. The compliance analysis method for these compounds is presented in **Table 4-4**.

Arsenic (AREA METALS-1)

Arsenic was detected in 32 of the site soil samples above the RDCSCC of 20 mg/kg at concentrations ranging from 20.2 mg/kg to 551 mg/kg (average exceedence concentration of 47.23 mg/kg). Compliance averaging was not undertaken for Arsenic because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), the 20 mg/kg RDCSCC for Arsenic is already 50 times higher than the health based number for arsenic (0.4 mg/kg). Many of these samples also exceeded the site-specific maximum background concentration for Arsenic in soils (Weston, 1995) of 22.9 mg/kg.

Due to the distribution of Arsenic in the area of the M-3 Landfill Site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Arsenic at the M-3 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Arsenic in near-surface soils at the M-3 Landfill Site.

Barium (AREA METALS-1)

Barium was detected in one site soil sample above the RDCSCC of 700 mg/kg at a concentration of 849 mg/kg.

Compliance averaging conducted for Barium in AREA METALS-1 yielded the compliance average concentration of 77.964 mg/kg. Therefore, the compliance average for Barium in AREA METALS-1 is below the RDCSCC of 700 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Barium in near-surface soils at the M-3 Landfill Site.

Beryllium (AREA METALS-1)

Beryllium was detected above the RDCSCC of 2.0 mg/kg in 16 site soil samples at concentrations ranging from 2.01 mg/kg to 3.18 mg/kg (average exceedence concentration of 2.46 mg/kg). Compliance averaging was not undertaken for Beryllium because, as described in the Spring 1995 *Site Remediation News* (Volume 7, Number 2), compliance averaging is not appropriate for soil samples that present Beryllium concentrations that exceed 2.0 mg/kg.

Due to the limited presence of Beryllium in the area of the M-3 Landfill Site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Beryllium at the M-3 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Beryllium in near-surface soils at the M-3 Landfill Site.

Cadmium (AREA METALS-1)

Cadmium was detected in one site soil sample above the RDCSCC of 39 mg/kg at a concentration of 1140 mg/kg. Because the maximum concentration of Cadmium was greater than the 5X ceiling limit of 195 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Cadmium for this area of the M-12 Landfill Site.

Due to the limited presence of Cadmium in the area of the M-3 Landfill Site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Cadmium at the M-3 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Cadmium in near-surface soils at the M-3 Landfill Site.

Copper (AREA METALS-1)

Copper was detected in one site soil sample above the RDCSCC of 600 mg/kg at a concentration of 927 mg/kg.

Compliance averaging conducted for Copper in AREA METALS-1 yielded the compliance average concentration of 57.867 mg/kg. Therefore, the compliance average for Copper in AREA METALS-1 is below the RDCSCC of 700 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Copper in near-surface soils at the M-3 Landfill Site.

Lead (AREA METALS-1)

Lead was detected above the RDCSCC of 400 mg/kg in ten site soil samples at concentrations ranging from 454 mg/kg to 2,580 mg/kg (average exceedence concentration of 988.50 mg/kg). Because the maximum concentration of Lead was greater than the 2X ceiling limit of 800 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Lead for this area of the M-3 Landfill Site.

Due to the limited presence of Lead in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Lead at the M-3 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent and compliance averaging approach support a No Further Action determination for Lead in near-surface soils at the M-3 Landfill Site.

Mercury (AREA METALS-2)

Mercury was detected above the RDCSCC of 14 mg/kg in three site soil samples at concentrations ranging from 16.1 mg/kg to 18.3 mg/kg (average exceedence concentration of 16.87 mg/kg).

Compliance averaging conducted for Mercury in AREA METALS-1 yielded the compliance average concentration of 0.560 mg/kg. Therefore, the compliance average for Mercury in AREA METALS-1 is below the RDCSCC of 14 mg/kg and is not of concern.

These findings support a No Further Action determination relative to Mercury in near-surface soils at the M-3 Landfill Site.

Zinc (AREA METALS-1)

Zinc was detected in one site soil sample above the RDCSCC of 1,500 mg/kg at a concentration of 31,900 mg/kg. Because the maximum concentration of Zinc was greater than the 2X ceiling limit of 3000 mg/kg in AREA METALS-1, compliance averaging was not appropriate for Zinc for this area of the M-3 Landfill Site.

Due to the limited presence of Zinc in the area of the site identified as AREA METALS-1 at concentrations that are both above the RDCSCC and inappropriate for compliance averaging, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan. The DER equivalent will apply to soils presenting exceedences of Zinc at the M-3 Landfill Site (AREA METALS-1) and will be protective of human health and the environment. The DER equivalent supports a No Further Action determination for Zinc in near-surface soils at the M-3 Landfill Site.

5.0 CONCLUSIONS AND RECOMMENDATIONS

To demonstrate compliance equivalence of the existing soil cover over the M-3 Landfill Site with respect to the Solid Waste Disposal Act of 1965, DPW characterized the near-surface soils using 203 borings from strategic locations over the site. DPW installed soil borings and obtained soil samples between September 1998 and November 1998. All soil samples were analyzed for TCL Organics + 30 parameters and TAL metals. The data that exceeded the laboratory MDL and/or the NJDEP RDCSCC are summarized in table form in this RIR. Where applicable and appropriate, the data were evaluated utilizing the "compliance averaging" approach to determine compliance with NJDEP RDCSCC. The conclusions and recommendations of the evaluation of analytical results from the near-surface soils site characterization are provided below.

As discussed in **Section 4.1**, concentrations of VOCs, SVOCs, pesticides and PCBs and metals were detected exceeding the NJDEP RDCSCC. **Table 4-6** provides a summary of the compliance analysis discussed in this RIR. In all cases, further analysis of the analytical results did not define a "source area" or level of contamination that necessitated the identification and evaluation of potential remedial actions. In most cases, either the calculated compliance average was below the respective RDCSCC or the exceedence was considered marginal (e.g., within 1 to 2 mg/kg of the RDCSCC). However, to address the exceedences of analytes that did not meet cleanup requirements in the near surface soils, the DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan for soils containing these exceedences. As discussed in **Section 2.3.2.**, the M-3 Landfill Site is located within a Class-III-A aquifer (aquitard) zone, which would minimize the possibility of any contamination migrating offsite. The Army is therefore requesting a ***No Further Action*** for these parameters. The DER equivalent may be developed for the entire M-3 Landfill Site or be restricted to the following areas and analytes (see **Figures 4-1, 4-2**, **4-3** and **4-4** for the boundaries of these areas):

- AREA SVOC-1: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene and Dibenz(a,h)anthracene
- AREA SVOC-2: Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, Chrysene, Dibenz(a,h)anthracene and Ideno(1,2,3-cd)pyrene
- AREA SVOC-3: Benzo(a)pyrene, Benzo(k)fluoranthene and Dibenz(a,h)anthracene
- AREA PESTPCB-1: Arochlor 1260
- AREA METALS-1: Arsenic, Beryllium, Cadmium, Lead and Zinc

Given the inactive and undisturbed status of the landfill, the performance of long-term surface water and groundwater monitoring proximate to the M-3 Landfill Site, the negligible impacts reported to-date, the lack of groundwater use at or downgradient of the M-3 Landfill Site and the relatively low levels of COCs in the shallow surface soils

across the site, No Further Action is recommended for the near-surface soils at the M-3 Landfill Site.

6.0 REFERENCES

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TABLES

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B1	B1 (6-12")	3923.02	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B1	B1 (24")	3923.03	(24")	9/29/1998	Soil	VOCs	Method 8260
B2	B2 (6-12")	3923.04	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B2	B2 (24")	3923.05	(24")	9/29/1998	Soil	VOCs	Method 8260
B3	B3 (6-12")	3923.06	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B3	B3 (24")	3923.07	(24")	9/29/1998	Soil	VOCs	Method 8260
B4	B4 (6-12")	3923.08	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B4	B4 (24")	3923.09	(24")	9/29/1998	Soil	VOCs	Method 8260
B5	B5 (6-12")	3923.10	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B5	B5 (24")	3923.11	(24")	9/29/1998	Soil	VOCs	Method 8260
B6	B6 (6-12")	3923.12	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B6	B6 (24")	3923.13	(24")	9/29/1998	Soil	VOCs	Method 8260
B7	B7 (6-12")	3923.14	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B7	B7 (24")	3923.15	(24")	9/29/1998	Soil	VOCs	Method 8260
B8	B8 (6-12")	3923.16	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B8	B8 (24")	3923.17	(24")	9/29/1998	Soil	VOCs	Method 8260
B9	B9 (6-12")	3923.18	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B9	B9 (24")	3923.19	(24")	9/29/1998	Soil	VOCs	Method 8260
B10	B10 (6-12")	3923.20	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B10	B10 (24")	3923.21	(24")	9/29/1998	Soil	VOCs	Method 8260
B11	B11 (6-12")	3923.22	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B11	B11 (24")	3923.23	(24")	9/29/1998	Soil	VOCs	Method 8260
B12	B12 (6-12")	3923.24	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B12	B12 (24")	3923.25	(24")	9/29/1998	Soil	VOCs	Method 8260
B13	B13 (6-12")	3923.26	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B13	B13 (24")	3923.27	(24")	9/29/1998	Soil	VOCs	Method 8260
B14	B14 (6-12")	3923.28	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B14	B14 (24")	3923.29	(24")	9/29/1998	Soil	VOCs	Method 8260
B15	B15 (6-12")	3923.30	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B15	B15 (24")	3923.31	(24")	9/29/1998	Soil	VOCs	Method 8260
B16	B16 (6-12")	3923.32	(6-12")	9/29/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B16	B16 (24")	3923.33	(24")	9/29/1998	Soil	VOCs	Method 8260
B17	B17 (6-12")	3929.02	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B17	B17 (24")	3929.03	(24")	9/30/1998	Soil	VOCs	Method 8260
B18	B18 (6-12")	3929.04	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B18	B18 (24")	3929.05	(24")	9/30/1998	Soil	VOCs	Method 8260
B19	B19 (6-12")	3929.06	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B19	B19 (24")	3929.07	(24")	9/30/1998	Soil	VOCs	Method 8260
B20	B20 (6-12")	3929.08	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B20	B20 (24")	3929.09	(24")	9/30/1998	Soil	VOCs	Method 8260

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B21	B21 (6-12")	3929.10	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B21	B21 (24")	3929.11	(24")	9/30/1998	Soil	VOCs	Method 8260
B22	B22 (6-12")	3929.12	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B22	B22 (24")	3929.13	(24")	9/30/1998	Soil	VOCs	Method 8260
B23	B23 (6-12")	3929.14	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B23	B23 (24")	3929.15	(24")	9/30/1998	Soil	VOCs	Method 8260
B24	B24 (6-12")	3929.16	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B24	B24 (24")	3929.17	(24")	9/30/1998	Soil	VOCs	Method 8260
B25	B25 (6-12")	3929.18	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B25	B25 (24")	3929.19	(24")	9/30/1998	Soil	VOCs	Method 8260
B26	B26 (6-12")	3929.20	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B26	B26 (24")	3929.21	(24")	9/30/1998	Soil	VOCs	Method 8260
B27	B27 (6-12")	3929.22	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B27	B27 (24")	3929.23	(24")	9/30/1998	Soil	VOCs	Method 8260
B28	B28 (6-12")	3929.24	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B28	B28 (24")	3929.25	(24")	9/30/1998	Soil	VOCs	Method 8260
B29	B29 (6-12")	3929.26	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B29	B29 (24")	3995.01	(24")	10/21/1998	Soil	VOCs	Method 8260
B30	B30 (6-12")	3929.28	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B30	B30 (24")	3929.29	(24")	9/30/1998	Soil	VOCs	Method 8260
B31	B31 (6-12")	3929.30	(6-12")	9/30/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B31	B31 (24")	3929.31	(24")	9/30/1998	Soil	VOCs	Method 8260
B32	B32 (6-12")	3984.02	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B32	B32 (24")	3984.03	(24")	10/19/1998	Soil	VOCs	Method 8260
B33	B33 (6-12")	3984.04	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B33	B33 (24")	3984.05	(24")	10/19/1998	Soil	VOCs	Method 8260
B34	B34 (6-12")	3984.06	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B34	B34 (24")	3984.07	(24")	10/19/1998	Soil	VOCs	Method 8260
B35	B35 (6-12")	3984.08	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B35	B35 (24")	3984.09	(24")	10/19/1998	Soil	VOCs	Method 8260
B36	B36 (6-12")	3984.10	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B36	B36 (24")	3984.11	(24")	10/19/1998	Soil	VOCs	Method 8260
B37	B37 (6-12")	3984.12	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B37	B37 (24")	3984.13	(24")	10/19/1998	Soil	VOCs	Method 8260
B38	B38 (6-12")	3984.14	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B38	B38 (24")	3984.15	(24")	10/19/1998	Soil	VOCs	Method 8260
B39	B39 (6-12")	3984.16	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B39	B39 (24")	3984.17	(24")	10/19/1998	Soil	VOCs	Method 8260
B40	B40 (6-12")	3984.18	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B40	B40 (24")	3984.19	(24")	10/19/1998	Soil	VOCs	Method 8260

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B41	B41 (6-12")	3984.20	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B41	B41 (24")	3984.21	(24")	10/19/1998	Soil	VOCs	Method 8260
B42	B42 (6-12")	3984.22	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B42	B42 (24")	3984.23	(24")	10/19/1998	Soil	VOCs	Method 8260
B43	B43 (6-12")	3984.24	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B43	B43 (24")	3984.25	(24")	10/19/1998	Soil	VOCs	Method 8260
B44	B44 (6-12")	3984.26	(6-12")	10/19/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B44	B44 (24")	3984.27	(24")	10/19/1998	Soil	VOCs	Method 8260
B45	B45 (6-12")	3989.02	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B45	B45 (24")	3989.03	(24")	10/20/1998	Soil	VOCs	Method 8260
B46	B46 (6-12")	3989.04	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B46	B46 (24")	3989.05	(24")	10/20/1998	Soil	VOCs	Method 8260
B47	B47 (6-12")	3989.06	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B47	B47 (24")	3989.07	(24")	10/20/1998	Soil	VOCs	Method 8260
B48	B48 (6-12")	3989.08	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B48	B48 (24")	3989.09	(24")	10/20/1998	Soil	VOCs	Method 8260
B49	B49 (6-12")	3989.10	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B49	B49 (24")	3989.11	(24")	10/20/1998	Soil	VOCs	Method 8260
B50	B50 (6-12")	3989.12	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B50	B50 (24")	3989.13	(24")	10/20/1998	Soil	VOCs	Method 8260
B51	B51 (6-12")	3989.14	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B51	B51 (24")	3989.15	(24")	10/20/1998	Soil	VOCs	Method 8260
B52	B52 (6-12")	3989.16	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B52	B52 (24")	3989.17	(24")	10/20/1998	Soil	VOCs	Method 8260
B53	B53 (6-12")	3989.18	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B53	B53 (24")	3989.19	(24")	10/20/1998	Soil	VOCs	Method 8260
B54	B54 (6-12")	3989.20	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B54	B54 (24")	3989.21	(24")	10/20/1998	Soil	VOCs	Method 8260
B55	B55 (6-12")	3989.22	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B55	B55 (24")	3989.23	(24")	10/20/1998	Soil	VOCs	Method 8260
B56	B56 (6-12")	3989.24	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B56	B56 (24")	3989.25	(24")	10/20/1998	Soil	VOCs	Method 8260
B57	B57 (6-12")	3989.26	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B57	B57 (24")	3989.27	(24")	10/20/1998	Soil	VOCs	Method 8260
B58	B58 (6-12")	3989.28	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B58	B58 (24")	3989.29	(24")	10/20/1998	Soil	VOCs	Method 8260
B59	B59 (6-12")	3989.30	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B59	B59 (24")	3989.31	(24")	10/20/1998	Soil	VOCs	Method 8260
B60	B60 (6-12")	3989.32	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B60	B60 (24")	3989.33	(24")	10/20/1998	Soil	VOCs	Method 8260

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B61	B61 (6-12")	3989.34	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B61	B61 (24")	3989.35	(24")	10/20/1998	Soil	VOCs	Method 8260
B62	B62 (6-12")	3989.36	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B62	B62 (24")	3989.37	(24")	10/20/1998	Soil	VOCs	Method 8260
B63	B63 (6-12")	3989.38	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B63	B63 (24")	3989.39	(24")	10/20/1998	Soil	VOCs	Method 8260
B64	B64 (6-12")	3989.40	(6-12")	10/20/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B64	B64 (24")	3989.41	(24")	10/20/1998	Soil	VOCs	Method 8260
B64A	B64A (6-12")	3996.02	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B64A	B64A (24")	3996.03	(24")	10/21/1998	Soil	VOCs	Method 8260
B65	B65 (6-12")	3996.04	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B65	B65 (24")	3996.05	(24")	10/21/1998	Soil	VOCs	Method 8260
B66	B66 (6-12")	3996.06	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B66	B66 (24")	3996.07	(24")	10/21/1998	Soil	VOCs	Method 8260
B67	B67 (6-12")	3996.08	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B67	B67 (24")	3996.09	(24")	10/21/1998	Soil	VOCs	Method 8260
B68	B68 (6-12")	3996.10	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B68	B68 (24")	3996.11	(24")	10/21/1998	Soil	VOCs	Method 8260
B69	B69 (6-12")	3996.12	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B69	B69 (24")	3996.13	(24")	10/21/1998	Soil	VOCs	Method 8260
B70	B70 (6-12")	3996.14	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B70	B70 (24")	3996.15	(24")	10/21/1998	Soil	VOCs	Method 8260
B71	B71 (6-12")	3996.16	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B71	B71 (24")	3996.17	(24")	10/21/1998	Soil	VOCs	Method 8260
B72	B72 (6-12")	3996.18	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B72	B72 (24")	3996.19	(24")	10/21/1998	Soil	VOCs	Method 8260
B73	B73 (6-12")	3996.20	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B73	B73 (24")	3996.21	(24")	10/21/1998	Soil	VOCs	Method 8260
B74	B74 (6-12")	3996.22	(6-12")	10/21/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B74	B74 (24")	3996.23	(24")	10/21/1998	Soil	VOCs	Method 8260
B75	B75 (6-12")	4007.02	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B75	B75 (24")	4007.03	(24")	10/26/1998	Soil	VOCs	Method 8260
B76	B76 (6-12")	4007.04	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B76	B76 (24")	4007.05	(24")	10/26/1998	Soil	VOCs	Method 8260
B77	B77 (6-12")	4007.06	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B77	B77 (24")	4007.07	(24")	10/26/1998	Soil	VOCs	Method 8260
B78	B78 (6-12")	4007.08	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B78	B78 (24")	4007.09	(24")	10/26/1998	Soil	VOCs	Method 8260
B79	B79 (6-12")	4007.10	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B79	B79 (24")	4007.11	(24")	10/26/1998	Soil	VOCs	Method 8260

Notes:
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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B80	B80 (6-12")	4007.12	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B80	B80 (24")	4007.13	(24")	10/26/1998	Soil	VOCs	Method 8260
B81	B81 (6-12")	4007.14	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B81	B81 (24")	4007.15	(24")	10/26/1998	Soil	VOCs	Method 8260
B82	B82 (6-12")	4007.16	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B82	B82 (24")	4007.17	(24")	10/26/1998	Soil	VOCs	Method 8260
B83	B83 (6-12")	4007.18	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B83	B83 (24")	4007.19	(24")	10/26/1998	Soil	VOCs	Method 8260
B84	B84 (6-12")	4007.20	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B84	B84 (24")	4007.21	(24")	10/26/1998	Soil	VOCs	Method 8260
B85	B85 (6-12")	4007.22	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B85	B85 (24")	4007.23	(24")	10/26/1998	Soil	VOCs	Method 8260
B86	B86 (6-12")	4007.24	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B86	B86 (24")	4007.25	(24")	10/26/1998	Soil	VOCs	Method 8260
B87	B87 (6-12")	4007.26	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B87	B87 (24")	4007.27	(24")	10/26/1998	Soil	VOCs	Method 8260
B88	B88 (6-12")	4007.28	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B88	B88 (24")	4007.29	(24")	10/26/1998	Soil	VOCs	Method 8260
B89	B89 (6-12")	4007.30	(6-12")	10/26/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B89	B89 (24")	4007.31	(24")	10/26/1998	Soil	VOCs	Method 8260
B90	B90 (6-12")	4009.02	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B90	B90 (24")	4009.03	(24")	10/27/1998	Soil	VOCs	Method 8260
B91	B91 (6-12")	4009.04	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B91	B91 (24")	4009.05	(24")	10/27/1998	Soil	VOCs	Method 8260
B92	B92 (6-12")	4009.06	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B92	B92 (24")	4009.07	(24")	10/27/1998	Soil	VOCs	Method 8260
B93	B93 (6-12")	4009.08	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B93	B93 (24")	4009.09	(24")	10/27/1998	Soil	VOCs	Method 8260
B94	B94 (6-12")	4009.10	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B94	B94 (24")	4009.11	(24")	10/27/1998	Soil	VOCs	Method 8260
B95	B95 (6-12")	4009.12	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B95	B95 (24")	4009.13	(24")	10/27/1998	Soil	VOCs	Method 8260
B96	B96 (6-12")	4009.14	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B96	B96 (24")	4009.15	(24")	10/27/1998	Soil	VOCs	Method 8260
B97	B97 (6-12")	4009.16	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B97	B97 (24")	4009.17	(24")	10/27/1998	Soil	VOCs	Method 8260
B98	B98 (6-12")	4009.18	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B98	B98 (24")	4009.19	(24")	10/27/1998	Soil	VOCs	Method 8260
B99	B99 (6-12")	4009.20	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B99	B99 (24")	4009.21	(24")	10/27/1998	Soil	VOCs	Method 8260

Notes:
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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B100	B100 (6-12")	4009.22	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B100	B100 (24")	4009.23	(24")	10/27/1998	Soil	VOCs	Method 8260
B101	B101 (6-12")	4009.24	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B101	B101 (24")	4009.25	(24")	10/27/1998	Soil	VOCs	Method 8260
B102	B102 (6-12")	4009.26	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B102	B102 (24")	4009.27	(24")	10/27/1998	Soil	VOCs	Method 8260
B103	B103 (6-12")	4009.28	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B103	B103 (24")	4009.29	(24")	10/27/1998	Soil	VOCs	Method 8260
B104	B104 (6-12")	4009.30	(6-12")	10/27/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B104	B104 (24")	4009.31	(24")	10/27/1998	Soil	VOCs	Method 8260
B105	B105 (6-12")	4024.02	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B105	B105 (24")	4024.03	(24")	11/2/1998	Soil	VOCs	Method 8260
B106	B106 (6-12")	4024.04	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B106	B106 (24")	4024.05	(24")	11/2/1998	Soil	VOCs	Method 8260
B107	B107 (6-12")	4024.06	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B107	B107 (24")	4024.07	(24")	11/2/1998	Soil	VOCs	Method 8260
B108	B108 (6-12")	4024.08	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B108	B108 (24")	4024.09	(24")	11/2/1998	Soil	VOCs	Method 8260
B109	B109 (6-12")	4024.10	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B109	B109 (24")	4024.11	(24")	11/2/1998	Soil	VOCs	Method 8260
B110	B110 (6-12")	4024.12	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B110	B110 (24")	4024.13	(24")	11/2/1998	Soil	VOCs	Method 8260
B111	B111 (6-12")	4024.14	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B111	B111 (24")	4024.15	(24")	11/2/1998	Soil	VOCs	Method 8260
B112	B112 (6-12")	4024.16	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B112	B112 (24")	4024.17	(24")	11/2/1998	Soil	VOCs	Method 8260
B113	B113 (6-12")	4024.18	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B113	B113 (24")	4024.19	(24")	11/2/1998	Soil	VOCs	Method 8260
B114	B114 (6-12")	4024.20	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B114	B114 (24")	4024.21	(24")	11/2/1998	Soil	VOCs	Method 8260
B115	B115 (6-12")	4024.22	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B115	B115 (24")	4024.23	(24")	11/2/1998	Soil	VOCs	Method 8260
B116	B116 (6-12")	4024.24	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B116	B116 (24")	4024.25	(24")	11/2/1998	Soil	VOCs	Method 8260
B117	B117 (6-12")	4024.26	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B117	B117 (24")	4024.27	(24")	11/2/1998	Soil	VOCs	Method 8260
B118	B118 (6-12")	4024.28	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B118	B118 (24")	4024.29	(24")	11/2/1998	Soil	VOCs	Method 8260
B119	B119 (6-12")	4024.30	(6-12")	11/2/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B119	B119 (24")	4024.31	(24")	11/2/1998	Soil	VOCs	Method 8260

Notes:
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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B120	B120 (6-12")	4027.02	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B120	B120 (24")	4027.03	(24")	11/3/1998	Soil	VOCs	Method 8260
B121	B121 (6-12")	4027.04	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B121	B121 (24")	4027.05	(24")	11/3/1998	Soil	VOCs	Method 8260
B122	B122 (6-12")	4027.06	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B122	B122 (24")	4027.07	(24")	11/3/1998	Soil	VOCs	Method 8260
B123	B123 (6-12")	4027.08	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B123	B123 (24")	4027.09	(24")	11/3/1998	Soil	VOCs	Method 8260
B124	B124 (6-12")	4027.10	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B124	B124 (24")	4027.11	(24")	11/3/1998	Soil	VOCs	Method 8260
B125	B125 (6-12")	4027.12	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B125	B125 (24")	4027.13	(24")	11/3/1998	Soil	VOCs	Method 8260
B126	B126 (6-12")	4027.14	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B126	B126 (24")	4027.15	(24")	11/3/1998	Soil	VOCs	Method 8260
B127	B127 (6-12")	4027.16	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B127	B127 (24")	4027.17	(24")	11/3/1998	Soil	VOCs	Method 8260
B128	B128 (6-12")	4027.18	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B128	B128 (24")	4027.19	(24")	11/3/1998	Soil	VOCs	Method 8260
B129	B129 (6-12")	4027.20	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B129	B129 (24")	4027.21	(24")	11/3/1998	Soil	VOCs	Method 8260
B130	B130 (6-12")	4027.22	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B130	B130 (24")	4027.23	(24")	11/3/1998	Soil	VOCs	Method 8260
B131	B131 (6-12")	4027.24	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B131	B131 (24")	4027.25	(24")	11/3/1998	Soil	VOCs	Method 8260
B132	B132 (6-12")	4027.26	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B132	B132 (24")	4027.27	(24")	11/3/1998	Soil	VOCs	Method 8260
B133	B133 (6-12")	4027.28	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B133	B133 (24")	4027.29	(24")	11/3/1998	Soil	VOCs	Method 8260
B134	B134 (6-12")	4027.30	(6-12")	11/3/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B134	B134 (24")	4027.31	(24")	11/3/1998	Soil	VOCs	Method 8260
B135	B135 (6-12")	4030.02	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B135	B135 (24")	4030.03	(24")	11/4/1998	Soil	VOCs	Method 8260
B136	B136 (6-12")	4030.04	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B136	B136 (24")	4030.05	(24")	11/4/1998	Soil	VOCs	Method 8260
B137	B137 (6-12")	4030.06	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B137	B137 (24")	4030.07	(24")	11/4/1998	Soil	VOCs	Method 8260
B138	B138 (6-12")	4030.08	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B138	B138 (24")	4030.09	(24")	11/4/1998	Soil	VOCs	Method 8260
B139	B139 (6-12")	4030.10	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B139	B139 (24")	4030.11	(24")	11/4/1998	Soil	VOCs	Method 8260

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B140	B140 (6-12")	4030.12	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B140	B140 (24")	4030.13	(24")	11/4/1998	Soil	VOCs	Method 8260
B141	B141 (6-12")	4030.14	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B141	B141 (24")	4030.15	(24")	11/4/1998	Soil	VOCs	Method 8260
B142	B142 (6-12")	4030.16	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B142	B142 (24")	4030.17	(24")	11/4/1998	Soil	VOCs	Method 8260
B143	B143 (6-12")	4030.18	(6-12")	11/4/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B143	B143 (24")	4030.19	(24")	11/4/1998	Soil	VOCs	Method 8260
B144	B144 (6-12")	4041.02	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B144	B144 (24")	4041.03	(24")	11/9/1998	Soil	VOCs	Method 8260
B145	B145 (6-12")	4041.04	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B145	B145 (24")	4041.05	(24")	11/9/1998	Soil	VOCs	Method 8260
B146	B146 (6-12")	4041.06	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B146	B146 (24")	4041.07	(24")	11/9/1998	Soil	VOCs	Method 8260
B147	B147 (6-12")	4041.08	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B147	B147 (24")	4041.09	(24")	11/9/1998	Soil	VOCs	Method 8260
B148	B148 (6-12")	4041.10	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B148	B148 (24")	4041.11	(24")	11/9/1998	Soil	VOCs	Method 8260
B149	B149 (6-12")	4041.12	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B149	B149 (24")	4041.13	(24")	11/9/1998	Soil	VOCs	Method 8260
B150	B150 (6-12")	4041.14	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B150	B150 (24")	4041.15	(24")	11/9/1998	Soil	VOCs	Method 8260
B151	B151 (6-12")	4041.16	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B151	B151 (24")	4041.17	(24")	11/9/1998	Soil	VOCs	Method 8260
B152	B152 (6-12")	4041.18	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B152	B152 (24")	4041.19	(24")	11/9/1998	Soil	VOCs	Method 8260
B153	B153 (6-12")	4041.20	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B153	B153 (24")	4041.21	(24")	11/9/1998	Soil	VOCs	Method 8260
B154	B154 (6-12")	4041.22	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B154	B154 (24")	4041.23	(24")	11/9/1998	Soil	VOCs	Method 8260
B155	B155 (6-12")	4041.24	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B155	B155 (24")	4041.25	(24")	11/9/1998	Soil	VOCs	Method 8260
B156	B156 (6-12")	4041.26	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B156	B156 (24")	4041.27	(24")	11/9/1998	Soil	VOCs	Method 8260
B157	B157 (6-12")	4041.28	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B157	B157 (24")	4041.29	(24")	11/9/1998	Soil	VOCs	Method 8260
B158	B158 (6-12")	4041.30	(6-12")	11/9/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B158	B158 (24")	4041.31	(24")	11/9/1998	Soil	VOCs	Method 8260
B159	B159 (6-12")	4046.02	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B159	B159 (24")	4046.03	(24")	11/10/1998	Soil	VOCs	Method 8260

Notes:
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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B160	B160 (6-12")	4046.04	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B160	B160 (24")	4046.05	(24")	11/10/1998	Soil	VOCs	Method 8260
B161	B161 (6-12")	4046.06	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B161	B161 (24")	4046.07	(24")	11/10/1998	Soil	VOCs	Method 8260
B162	B162 (6-12")	4046.08	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B162	B162 (24")	4046.09	(24")	11/10/1998	Soil	VOCs	Method 8260
B163	B163 (6-12")	4046.10	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B163	B163 (24")	4046.11	(24")	11/10/1998	Soil	VOCs	Method 8260
B164	B164 (6-12")	4046.12	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B164	B164 (24")	4046.13	(24")	11/10/1998	Soil	VOCs	Method 8260
B165	B165 (6-12")	4046.14	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B165	B165 (24")	4046.15	(24")	11/10/1998	Soil	VOCs	Method 8260
B166	B166 (6-12")	4046.16	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B166	B166 (24")	4046.17	(24")	11/10/1998	Soil	VOCs	Method 8260
B167	B167 (6-12")	4046.18	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B167	B167 (24")	4046.19	(24")	11/10/1998	Soil	VOCs	Method 8260
B168	B168 (6-12")	4046.20	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B168	B168 (24")	4046.21	(24")	11/10/1998	Soil	VOCs	Method 8260
B169	B169 (6-12")	4046.22	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B169	B169 (24")	4046.23	(24")	11/10/1998	Soil	VOCs	Method 8260
B170	B170 (6-12")	4046.24	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B170	B170 (24")	4046.25	(24")	11/10/1998	Soil	VOCs	Method 8260
B171	B171 (6-12")	4046.26	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B171	B171 (24")	4046.27	(24")	11/10/1998	Soil	VOCs	Method 8260
B172	B172 (6-12")	4046.28	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B172	B172 (24")	4046.29	(24")	11/10/1998	Soil	VOCs	Method 8260
B173	B173 (6-12")	4046.30	(6-12")	11/10/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B173	B173 (24")	4046.31	(24")	11/10/1998	Soil	VOCs	Method 8260
B175	B175 (6-12")	4058.02	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B175	B175 (24")	4058.03	(24")	11/16/1998	Soil	VOCs	Method 8260
B176	B176 (6-12")	4058.04	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B176	B176 (24")	4058.05	(24")	11/16/1998	Soil	VOCs	Method 8260
B177	B177 (6-12")	4058.06	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B177	B177 (24")	4058.07	(24")	11/16/1998	Soil	VOCs	Method 8260
B178	B178 (6-12")	4058.08	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B178	B178 (24")	4058.09	(24")	11/16/1998	Soil	VOCs	Method 8260
B179	B179 (6-12")	4058.10	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B179	B179 (24")	4058.11	(24")	11/16/1998	Soil	VOCs	Method 8260
B180	B180 (6-12")	4058.12	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B180	B180 (24")	4058.13	(24")	11/16/1998	Soil	VOCs	Method 8260

Notes:
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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B181	B181 (6-12")	4058.14	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B181	B181 (24")	4058.15	(24")	11/16/1998	Soil	VOCs	Method 8260
B182	B182 (6-12")	4058.16	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B182	B182 (24")	4058.17	(24")	11/16/1998	Soil	VOCs	Method 8260
B183	B183 (6-12")	4058.18	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B183	B183 (24")	4058.19	(24")	11/16/1998	Soil	VOCs	Method 8260
B184	B184 (6-12")	4058.20	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B184	B184 (24")	4058.21	(24")	11/16/1998	Soil	VOCs	Method 8260
B185	B185 (6-12")	4058.22	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B185	B185 (24")	4058.23	(24")	11/16/1998	Soil	VOCs	Method 8260
B186	B186 (6-12")	4058.24	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B186	B186 (24")	4058.25	(24")	11/16/1998	Soil	VOCs	Method 8260
B187	B187 (6-12")	4058.26	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B187	B187 (24")	4058.27	(24")	11/16/1998	Soil	VOCs	Method 8260
B188	B188 (6-12")	4058.28	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B188	B188 (24")	4058.29	(24")	11/16/1998	Soil	VOCs	Method 8260
B189	B189 (6-12")	4058.30	(6-12")	11/16/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B189	B189 (24")	4058.31	(24")	11/16/1998	Soil	VOCs	Method 8260
B190	B190 (6-12")	4067.02	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B190	B190 (24")	4067.03	(24")	11/17/1998	Soil	VOCs	Method 8260
B191	B191 (6-12")	4067.04	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B191	B191 (24")	4067.05	(24")	11/17/1998	Soil	VOCs	Method 8260
B192	B192 (6-12")	4067.06	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B192	B192 (24")	4067.07	(24")	11/17/1998	Soil	VOCs	Method 8260
B193	B193 (6-12")	4067.08	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B193	B193 (24")	4067.09	(24")	11/17/1998	Soil	VOCs	Method 8260
B194	B194 (6-12")	4067.10	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B194	B194 (24")	4067.11	(24")	11/17/1998	Soil	VOCs	Method 8260
B195	B195 (6-12")	4067.12	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B195	B195 (24")	4067.13	(24")	11/17/1998	Soil	VOCs	Method 8260
B196	B196 (6-12")	4067.14	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B196	B196 (24")	4067.15	(24")	11/17/1998	Soil	VOCs	Method 8260
B197	B197 (6-12")	4067.16	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B197	B197 (24")	4067.17	(24")	11/17/1998	Soil	VOCs	Method 8260
B198	B198 (6-12")	4067.18	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B198	B198 (24")	4067.19	(24")	11/17/1998	Soil	VOCs	Method 8260
B199	B199 (6-12")	4067.20	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B199	B199 (24")	4067.21	(24")	11/17/1998	Soil	VOCs	Method 8260
B200	B200 (6-12")	4067.22	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B200	B200 (24")	4067.23	(24")	11/17/1998	Soil	VOCs	Method 8260

Notes:
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Table 3-1
Soil Sample Collection Summary
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Field Sample ID	Lab Sample ID	Depth	Date Collected	Matrix	Analytical Parameters	Analytical Methods
B201	B201 (6-12")	4067.24	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B201	B201 (24")	4067.25	(24")	11/17/1998	Soil	VOCs	Method 8260
B202	B202 (6-12")	4067.26	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B202	B202 (24")	4067.27	(24")	11/17/1998	Soil	VOCs	Method 8260
B203	B203 (6-12")	4067.28	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B203	B203 (24")	4067.29	(24")	11/17/1998	Soil	VOCs	Method 8260
B204	B204 (6-12")	4067.30	(6-12")	11/17/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B204	B204 (24")	4067.31	(24")	11/17/1998	Soil	VOCs	Method 8260
B205	B205 (6-12")	4068.02	(6-12")	11/18/1998	Soil	SVOCs; Pesticides/PCBs; TAL Metals	Method 8270; Method 8080; Methods 3151, 6010B, and 7471A
B205	B205 (24")	4068.03	(24")	11/18/1999	Soil	VOCs	Method 8260

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; TAL Metals = Target Analyte List Metals

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	3923.02 B1 (6-12") 9/29/1998	3923.03 B1 (24") 9/29/1998	3923.04 B2 (6-12") 9/29/1998	3923.05 B2 (24") 9/29/1998	3923.06 B3 (6-12") 9/29/1998	3923.07 B3 (24") 9/29/1998	3923.08 B4 (6-12") 9/29/1998	3923.09 B4 (24") 9/29/1998	3923.10 B5 (6-12') 9/29/1998	3923.11 B5 (24') 9/29/1998	3923.12 B6 (6-12') 9/29/1998	3923.13 B6 (24') 9/29/1998	3923.14 B7 (6-12") 9/29/1998	3923.15 B7 (24") 9/29/1998	3923.16 B8 (6-12") 9/29/1998	3923.17 B8 (24") 9/29/1998	3923.18 B9 (6-12") 9/29/1998	3923.19 B9 (24") 9/29/1998	3923.20 B10 (6-12") 9/29/1998	3923.21 B10 (24") 9/29/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		0.14J		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		0.21J		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	0.21J		ND		ND		ND		ND		ND		ND		0.38J		ND		ND	
Acenaphthene	3400	0.15J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	1.1 J		0.52J		0.15J		ND		ND		0.15J		ND		1.7		ND		ND	
Anthracene	10000	0.15J		ND		ND		ND		ND		ND		ND		0.47J		ND		ND	
Di-n-butylphthalate	5700	ND		0.84J		0.16J		0.16J		0.17J		0.23J		0.62J		0.64J		0.65J		0.23J	
Fluoranthene	2300	0.90J		0.39J		0.13J		ND		ND		ND		ND		3.7		ND		0.17J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	1.4		0.55J		0.18J		ND		ND		ND		ND		3.1		ND		0.18J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	0.53J		0.21J		ND		ND		ND		ND		ND		1.8		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	1.1J		0.37J		ND		ND		ND		ND		ND		2.8		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	0.44J		ND		ND		ND		ND		ND		ND		1.9		ND		ND	
Benzo(k)fluoranthene	0.9	0.56J		ND		ND		ND		ND		ND		ND		1.8		ND		ND	
Benzo(a)pyrene	0.66	0.51J		ND		ND		ND		ND		ND		ND		2.0		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		1.3		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		0.41J		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		ND		ND		ND		ND		ND		ND		1.2		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.728		0.186		0.217		0.092		0.181		0.006		0.026		1.403		0.336		0.349	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.202		0.016		0.015		0.015		0.002		ND		ND		0.059		0.018		1.491	
4,4'-DDT	2	0.5		0.661		0.354		0.040		0.042		0.004		0.016		1.376		0.413		5.066	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.024	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.018	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	7700		9100		10300		2700		5190		3590		1940		9660		2900		4560	
Antimony	14	1.25		1.27		1.23		ND		ND		0.82		1.13		0.255		0.618		ND	
Arsenic	20	10.5		16.0		16.3		6.07		6.33		20.3		18.4		7.27		2.00		3.14	
Barium	700	40.4		49.0		28.7		119		141		63.1		29.8		31.7		32.6		30.7	
Beryllium	2	1.27		1.17		1.10		0.594		0.716		0.515		0.416		0.685		0.355		0.498	
Cadmium	39	0.173		0.277		0.125		0.0827		0.495		0.265		0.128		0.127		ND		0.304	
Calcium	NLE	766		738		1050		1530		2020		1380		464		876		751		325	
Chromium	NLE	85		104		106		8.15		10.5		30.4		9.25		49.3		10.8		17.9	
Cobalt	NLE	3.15		1.99		1.07		1.62		2.7		2.76		2.90		2.09		3.32		2.98	
Copper	600	24.2		76.9		51.6		16.7		12.2		63.6		37.7		19.3		26		46.4	
Iron	NLE	27200		25100		25900		5850		8180		21800		12000		16400		4230		5470	
Lead	400	35.6		89.5		106		5.72		5.29		49.0		37.1		36.9		355		42.9	
Magnesium	NLE	3130		3100		3400		253		273		945		165		1860		196		620	
Manganese	NLE	17.8		136		63.6		14.6		14.2		31.1		31.3		73.5		11.6		22.4	
Mercury	14	0.108		0.157		0.091		0.557		0.487		0.027		0.064		0.065		0.085		0.035	
Nickel	250	8.28		5.75		5.4		4.77		7.53		12.4		10.6		6.66		9.7		10.1	
Potassium	NLE	6860		5880		6320		641		564		2500		412		5190		468		1560	
Selenium	63	ND		ND		ND		ND		ND		4.72		10.7		ND		0.32		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	114		68.4		77.8		111		160		119		65.6		160		161		127	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	35.1		34.5		41.4		12.4		13.9		19.2		14.5		34.5		13.9		17.9	
Zinc	1500	115		172		82.8		12.4		14.2		48.7		26.0		58.2		417		31.8	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3923.22	3923.23	3923.24	3923.25	3923.26	3923.27	3923.28	3923.29	3923.30	3923.31	3923.32	3923.33	3929.02	3929.03	3929.04	3929.05	3929.06	3929.07	3929.08	3929.09
Field Sample Location		B11 (6-12")	B11 (24")	B12 (6-12")	B12 (24")	B13 (6-12")	B13 (24")	B14 (6-12")	B14 (24")	B15 (6-12")	B15 (24")	B16 (6-12")	B16(24")	B17 (6-12")	B17 (24")	B18 (6-12")	B18 (24')	B19 (6-12")	B19 (24")	B20 (6-12")	B20 (24")
Sample Date		9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/29/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		1.6		0.83		0.65		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		0.32J		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		0.65J		ND		ND	
Acenaphthylene	NLE	0.36J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		3.3		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		2.3		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		3.3		ND		ND	
Phenanthrene	NLE	1.7		ND		ND		ND		ND		ND		0.22J		58D		ND		0.23J	
Anthracene	10000	0.43J		ND		ND		ND		ND		ND		ND		8.2		ND		0.22J	
Di-n-butylphthalate	5700	0.62J		0.47J		0.52J		0.77J		0.66J		0.74J		0.46J		0.47J		0.24J		0.70J	
Fluoranthene	2300	3.6		ND		ND		0.28J		ND		ND		0.36J		55D		ND		0.30J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	3.1		ND		ND		0.28J		ND		ND		0.33J		43D		ND		0.41J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	1.7		ND		ND		0.17J		ND		ND		0.21J		11		ND		0.21J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	2.8		ND		ND		0.30J		ND		ND		0.30J		25D		ND		0.34J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	2.1		ND		ND		0.19J		ND		ND		0.17J		11		ND		0.14J	
Benzo(k)fluoranthene	0.9	1.7		ND		ND		0.20J		ND		ND		0.22J		5.5		ND		0.20J	
Benzo(a)pyrene	0.66	2.0		ND		ND		0.17J		ND		ND		0.21J		9.6		ND		0.20J	
Indeno(1,2,3-cd)pyrene	0.9	1.2		ND		ND		ND		ND		ND		ND		4.7		ND		ND	
Dibenz(a,h)anthracene	0.66	0.21J		ND		ND		ND		ND		ND		ND		2.0		ND		ND	
Benzo(g,h,I)perylene	NLE	1.1		ND		ND		ND		ND		ND		ND		4.0		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		0.041		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.168		0.897		0.008		0.940		0.068		0.001		0.003		ND		0.014		0.014	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		0.002		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.029		0.15		0.014		0.14		0.014		ND		0.003		ND		0.003		0.006	
4,4'-DDT	2	0.077		1.551		0.011		4.312		0.069		0.004		0.007		0.003		0.007		0.016	
gamma-Chlordane	NLE	0.004		ND		ND		0.013		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	0.004		ND		ND		0.017		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	4710		1140		8050		8920		14500		12300		12700		9080		8020		8140	
Antimony	14	ND		ND		ND		1.11		0.749		0.577		1.40		0.838		1.24		1.23	
Arsenic	20	4.25		2.35		6.21		14.9		18.5		14.1		18.4		18.8		17.8		18.3	
Barium	700	32.2		22.4		81.7		25.3		18.0		24.7		60.0		54.9		44.5		28.7	
Beryllium	2	0.811		0.166		0.791		1.05		0.828		0.731		1.06		0.834		0.748		0.900	
Cadmium	39	0.249		0.158		ND		ND		ND		0.146		0.824		0.395		0.405		0.253	
Calcium	NLE	449		586		604		122		845		799		1360		1350		1710		1770	
Chromium	NLE	14.8		3.16		19.5		103		93.2		81.8		125		91.4		78.2		89.9	
Cobalt	NLE	4.73		1.68		5.15		1.27		1.04		1.07		1.46		1.20		0.767		1.20	
Copper	600	58.5		10.6		97.0		33.6		16.2		22.8		160		126		53.8		40.9	
Iron	NLE	3260		1330		6450		28100		25000		24400		26500		21800		20300		21700	
Lead	400	35.2		6.89		31.9		40.0		13.5		28.6		471		206		114		78.8	
Magnesium	NLE	213		87.8		418		3580		3170		2870		3740		2660		2280		2750	
Manganese	NLE	8.06		8.88		19.3		30.0		45.4		41.5		224		140		50.7		79.8	
Mercury	14	0.282		0.028		0.045		0.109		0.022		ND		0.159		0.070		0.089		0.048	
Nickel	250	14.8		4.35		16.8		4.65		4.38		4.43		7.89		5.66		4.77		5.61	
Potassium	NLE	731		129		1350		7680		4880		4150		6700		4490		5720		4780	
Selenium	63	1.29		ND		1.46		ND		ND		ND		ND		ND		ND		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		0.426		ND	
Sodium	NLE	129		71.9		287		121		76.4		68.5		105		84.2		53.7		89.4	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	18.1		5.7		24.8		43.2		51.5		45.3		53.4		31.1		28.4		30.6	
Zinc	1500	21.7		12.2		15.6		40.8		63.3		79.9		481		311		280		130	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3929.10	3929.11	3929.12	3929.13	3929.14	3929.15	3929.16	3929.17	3929.18	3929.19	3929.20	3929.21	3929.22	3929.23	3929.24	3929.25	3929.26	3995.01	3929.28	3929.29
Field Sample Location		B21 (6-12")	B21 (24")	B22 (6-12")	B22 (24")	B23 (6-12")	B23 (24")	B24 (6-12")	B24 (24")	B25 (6-12")	B25 (24")	B26 (6-12")	B26 (24')	B27 (6-12")	B27 (24")	B28 (6-12')	B28 (24")	B29 (6-12")	B29 (24")	B30 (6-12")	B30 (24")
Sample Date		9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	9/30/1998	10/21/1998	9/30/1998	9/30/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		0.093J		ND		ND		ND
Methylene Chloride	49		ND		0.49J		ND		ND		ND		ND		ND		0.90		ND		0.92
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		0.37		ND		0.62		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		0.27J		ND		0.45J		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		0.18J		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		0.23J		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		0.17J		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		4.6		ND		ND		1.1		ND		ND		ND	
Anthracene	10000	ND		ND		ND		0.72J		ND		ND		0.27J		ND		ND		ND	
Di-n-butylphthalate	5700	0.46J		0.84J		0.49J		0.50J		0.69J		0.29J		0.47J		0.22J		0.24J		0.39J	
Fluoranthene	2300	ND		ND		ND		8.8		ND		0.19J		1.7		ND		ND		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		ND		ND		8.2		ND		0.17J		1.3		ND		ND		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		ND		ND		3.5		ND		ND		0.76J		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		6.5		ND		ND		0.97J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		0.28J		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		ND		ND		4.4		ND		ND		0.52J		ND		ND		ND	
Benzo(k)fluoranthene	0.9	ND		ND		ND		3.0		ND		ND		0.56J		ND		ND		ND	
Benzo(a)pyrene	0.66	ND		ND		ND		3.8		ND		ND		0.54J		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		ND		1.8		ND		ND		0.24J		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		0.8J		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		ND		ND		1.7		ND		ND		0.21J		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		0.004		ND		0.181		0.035		0.009		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.016		0.022		0.044		0.308		0.262		1.439		0.141		0.566		0.022		0.007	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.003		ND		0.007		0.123		0.124		0.223		0.066		0.217		0.017		ND	
4,4'-DDT	2	0.008		0.018		0.038		0.450		0.188		4.879		0.189		1.549		0.199		0.01	
gamma-Chlordane	NLE	ND		ND		ND		0.008		0.021		ND		0.016		0.021		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		0.01		0.021		ND		0.029		0.022		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	2480		4110		3010		4340		2340		5000		6680		14600		14300		11400	
Antimony	14	ND		ND		0.645		ND		0.611		0.363		0.866		1.15		1.26		1.52	
Arsenic	20	2.80		3.23		3.73		4.70		7.96		7.26		7.52		13.1		20.6		20.2	
Barium	700	27.5		41.5		65.4		56.8		85.5		40.2		62.8		114		40.7		202	
Beryllium	2	0.424		0.509		0.487		0.711		0.315		0.698		1.12		1.07		1.21		0.899	
Cadmium	39	0.114		0.205		0.166		0.54		0.656		0.209		0.0998		0.931		0.302		1.71	
Calcium	NLE	562		1320		1110		1110		657		1310		2360		22300		1830		2070	
Chromium	NLE	7.64		7.51		5.09		11.0		24.8		27.7		62.5		73.2		125		99.8	
Cobalt	NLE	4.85		3.27		2.12		3.93		1.86		3.59		3.67		3.48		1.56		6.02	
Copper	600	24.4		24.6		17.2		35.9		47.8		31.3		52.5		25.7		50.4		235	
Iron	NLE	3090		2810		3720		4900		4790		11500		20700		26700		35500		45100	
Lead	400	5.63		23.7		122		41.1		70.8		66.8		24.9		52.8		71.0		961	
Magnesium	NLE	189		301		155		265		396		1140		2480		3840		4170		2850	
Manganese	NLE	25.6		17.5		12.3		34.5		11.3		25.7		40.8		138		97.8		489	
Mercury	14	ND		0.044		0.069		0.562		2.043		0.120		0.033		0.27		ND		ND	
Nickel	250	14.7		10.3		8.91		13.1		6.97		10.6		10.8		11.4		7.62		25.7	
Potassium	NLE	338		683		311		787		891		3080		6330		6420		7290		4600	
Selenium	63	0.61		0.741		0.446		0.794		0.827		0.892		ND		ND		ND		ND	
Silver	110	ND		ND		ND		0.8		2.75		ND		ND		ND		ND		0.785	
Sodium	NLE	120		121		88.6		167		105		228		174		388		116		151	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	15.5		16.5		12.1		18.4		10.8		30.0		20.8		42.8		58		39.8	
Zinc	1500	6.58		46.2		24.8		67.4		26.2		56.0		119		180		202		752	

NOTES:
ND = Not Detected
NLE = No Limit Established
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Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3929.30	3929.31	3984.02	3984.03	3984.04	3984.05	3984.06	3984.07	3984.08	3984.09	3984.10	3984.11	3984.12	3984.13	3984.14	3984.15	3984.16	3984.17	3984.18	3984.19
Field Sample Location		B31 (6-12")	B31 (24")	B32 (6-12")	B32 (24")	B33 (6-12")	B33 (24")	B34 (6-12")	B34 (24")	B35 (6-12")	B35 (24")	B36 (6-12")	B36 (24")	B37 (6-12")	B37 (24")	B38 (6-12")	B38 (24")	B39 (6-12")	B39 (24")	B40 (6-12")	B40 (24")
Sample Date		9/30/1998	9/30/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		1.0		0.89		1.6		0.98		0.71		0.37J		0.47J		0.35J		0.32J		0.58J
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		0.26		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		1.2		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		0.96		ND		ND		ND		ND		ND		ND		0.28J		ND
m+p-Xylenes	410		ND		0.28J		ND		ND		ND		ND		ND		ND		0.79		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		0.47J		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.53J	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		6.1	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.61J	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		1.7	
Phenanthrene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		28JD	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		5.6	
Di-n-butylphthalate	5700	0.23J		0.62J		0.83J		0.95J		0.91J		1.5		1.3		0.50J		0.87J		1.8	
Fluoranthene	2300	0.17J		0.14J		0.19J		ND		ND		ND		ND		ND		ND		210D	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.16J		0.14J		0.20J		ND		ND		ND		ND		ND		ND		220D	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		160D	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		ND		ND		ND		ND		ND		ND		310D	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		0.42J		ND		0.19J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		260D	
Benzo(k)fluoranthene	0.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		130D	
Benzo(a)pyrene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		240D	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		150D	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		55D	
Benzo(g,h,I)perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		150D	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.007		0.024		0.511		0.071		0.033		0.013		0.016		0.004		0.017		0.157	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	ND		ND		0.044		0.002		0.004		ND		ND		ND		ND		0.02	
4,4'-DDT	2	0.007		0.024		0.849		0.058		0.042		0.01		0.004		0.002		0.02		0.493	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	15100		9790		8360		2220		4220		3440		2060		5980		12500		7750	
Antimony	14	3.29		1.36		1.09		ND		ND		ND		ND		ND		2.13		1.08	
Arsenic	20	551		21.6		12.5		4.19		2.67		3.73		5.76		4.43		9.43		18.0	
Barium	700	35.3		50.2		53.3		21.2		30.3		71.3		53.8		42.1		39.1		26.3	
Beryllium	2	1.67		1.03		1.19		0.410		0.550		0.415		0.456		0.873		2.17		0.795	
Cadmium	39	0.728		0.366		0.286		0.0583		ND		0.164		0.107		0.14		0.126		0.990	
Calcium	NLE	1340		1500		1940		681		457		1340		1330		970		2390		125	
Chromium	NLE	198		108		84.4		8.96		18.4		4.40		4.53		19.8		152		91.9	
Cobalt	NLE	0.659		1.19		1.96		2.97		3.92		2.18		3.10		4.52		2.96		0.789	
Copper	600	436		56.2		28.0		18.0		18.8		10.2		37.3		31.2		17.1		13.5	
Iron	NLE	66400		23500		30500		3350		4440		3070		2140		5080		48900		25600	
Lead	400	145		89.2		46.2		20.3		17.9		8.91		12.6		25.6		59.7		53.2	
Magnesium	NLE	4930		3090		3100		221		403		129		138		443		6130		2390	
Manganese	NLE	159		112		121		12.2		15.3		10.1		12.1		9.05		22.6		28.3	
Mercury	14	ND		0.059		0.091		0.018		0.015		0.028		0.085		0.021		0.184		0.222	
Nickel	250	6.43		5.83		8.61		10.2		12.2		6.05		8.22		16.1		10.9		4.40	
Potassium	NLE	9730		8340		6530		512		1250		301		264		1700		16200		4840	
Selenium	63	ND		ND		ND		0.489		0.743		0.526		0.537		1.26		ND		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.363	
Sodium	NLE	87.1		93.6		97.2		107		183		161		98.1		227		122		67.4	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	69.7		33.7		33.0		17.6		20.2		12.8		10.1		27.2		19.9		30.6	
Zinc	1500	378		173		111		13.3		11.7		9.38		17.9		17.7		130		40.3	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3984.20	3984.21	3984.22	3984.23	3984.24	3984.25	3984.26	3984.27	3989.02	3989.03	3989.04	3989.05	3989.06	3989.07	3989.08	3989.09	3989.10	3989.11	3989.12	3989.13
Field Sample Location		B41 (6-12")	B41 (24")	B42 (6-12")	B42 (24")	B43 (6-12")	B43 (24")	B44 (6-12")	B44 (24")	B45 (6-12")	B45 (24")	B46 (6-12")	B46 (24")	B47 (6-12")	B47 (24")	B48 (6-12")	B48 (24")	B49 (6-12")	B49 (24")	B50 (6-12")	B50 (24")
Sample Date		10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/19/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.8		3.3		ND		ND		1.3		1.5		1.5		1.4		1.4		1.5
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		2.6		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		0.30J		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		0.28J		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.27J		ND		1.8		ND		0.18J		0.21J		ND		ND		0.21J		ND	
Anthracene	10000	ND		ND		0.31J		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.13J		0.23J		0.32J		0.29J		2.1		2.4		0.76J		0.75J		0.39J		0.34J	
Fluoranthene	2300	0.59J		0.20J		1.9		ND		0.25J		0.29J		ND		ND		0.42J		0.18J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.52J		0.19J		2.4		0.18J		0.24J		0.28J		ND		ND		0.42J		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	0.29J		ND		1.1		ND		ND		ND		ND		ND		0.20J		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.42J		ND		1.7		ND		ND		ND		ND		ND		0.32J		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		13		13		0.32J		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	0.24J		ND		0.70J		ND		ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	0.9	0.28J		ND		0.77J		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	0.66	0.23J		ND		0.87J		ND		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		0.46J		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		0.25J		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		ND		0.49J		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.372		0.112		0.252		1.474		0.916		0.013		0.031		0.066		0.045		0.68	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.051		0.021		0.1		0.308		0.023		ND		ND		0.004		0.024		0.022	
4,4'-DDT	2	0.552		0.132		0.153		1.261		0.687		0.017		0.026		0.076		0.084		0.554	
gamma-Chlordane	NLE	ND		ND		ND		0.032		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		0.035		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	8800		12600		6790		9660		8540		13200		2640		2820		2310		12800	
Antimony	14	1.00		1.59		0.634		1.14		1.28		2.04		ND		ND		1.14		1.42	
Arsenic	20	14.6		19.4		8.97		13.0		13.7		23.3		1.95		3.81		3.44		26.8	
Barium	700	41.4		43.5		45.6		42.1		37.9		49.6		23.2		17.6		311		32.9	
Beryllium	2	0.847		1.36		0.676		1.21		1.18		1.65		0.307		0.921		0.498		1.31	
Cadmium	39	0.260		0.233		0.298		0.199		0.148		0.14		0.588		0.065		9.73		0.337	
Calcium	NLE	1440		1430		1390		2250		1600		2930		1600		515		1080		13380	
Chromium	NLE	71.7		132		48.7		84.0		88.8		163		5.22		10.4		101		139	
Cobalt	NLE	1.64		1.58		1.94		1.9		1.76		2.26		3.56		3.08		3.72		1.26	
Copper	600	30.1		56.8		38.9		20.2		20.1		6.46		11.9		16.2		76.9		24.0	
Iron	NLE	22900		32000		20100		29100		29300		43500		1580		2710		8290		29200	
Lead	400	80.2		76.0		44.0		42.0		44.7		13.8		17.5		6.6		560		38.0	
Magnesium	NLE	2440		4530		1490		3400		3200		5760		197		248		722		4280	
Manganese	NLE	61.3		85.6		42.1		63.7		46.0		31.2		22		9.21		61.9		35.5	
Mercury	14	0.125		0.245		0.29		0.178		0.175		0.129		0.09		0.123		0.209		0.161	
Nickel	250	6.20		6.89		6.77		7.68		6.95		9.21		11		8.94		17.5		6.44	
Potassium	NLE	6450		8710		3910		6200		6790		12400		785		815		2290		8130	
Selenium	63	ND		ND		ND		ND		ND		ND		0.332		0.934		0.362		0.676	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	81.0		115		121		172		96.1		111		154		135		124		97.7	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.743	
Vanadium	370	31.4		54.3		27.6		36.2		32.4		32.4		6.22		13.9		14.7		59.9	
Zinc	1500	116		130		93		83.3		76.5		72.2		54.3		12.8		990		62.9	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	3989.14 B51 (6-12") 10/20/1998	3989.15 B51 (24") 10/20/1998	3989.16 B52 (6-12") 10/20/1998	3989.17 B52 (24") 10/20/1998	3989.18 B53 (6-12") 10/20/1998	3989.19 B53 (24") 10/20/1998	3989.20 B54 (6-12") 10/20/1998	3989.21 B54 (24") 10/20/1998	3989.22 B55 (6-12") 10/20/1998	3989.23 B55 (24") 10/20/1998	3989.24 B56 (6-12") 10/20/1998	3989.25 B56 (24") 10/20/1998	3989.26 B57 (6-12") 10/20/1998	3989.27 B57 (24") 10/20/1998	3989.28 B58 (6-12") 10/20/1998	3989.29 B58 (24") 10/20/1998	3989.30 B59 (6-12") 10/20/1998	3989.31 B59 (24") 10/20/1998	3989.32 B60 (6-12") 10/20/1998	3989.33 B60 (24") 10/20/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		1.2		1.4		1.6		1.3		1.3		1.1		1.2		1.5		1.1		1.3
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.67J		0.64J		1.1		ND		ND		ND		ND		ND		0.38J		ND	
Anthracene	10000	ND		ND		0.29J		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.96J		0.92J		0.20J		0.33J		0.30J		0.72J		2.7		15E		0.45J		1.1	
Fluoranthene	2300	1.1J		1.0 J		3.4		ND		0.17J		ND		0.21J		ND		0.56J		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.94J		0.90J		3.1		ND		ND		ND		0.22J		ND		0.48J		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	0.48J		0.45J		2.0		ND		ND		ND		0.17J		ND		0.23J		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	0.73J		0.68J		3.1		ND		ND		ND		0.25J		ND		0.34J		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		1.4		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	0.35J		0.35J		1.8		ND		ND		ND		ND		ND		0.17J		ND	
Benzo(k)fluoranthene	0.9	0.38J		0.39J		1.8		ND		ND		ND		ND		ND		0.19J		ND	
Benzo(a)pyrene	0.66	0.39J		0.37J		2.0		ND		ND		ND		ND		ND		0.20J		ND	
Indeno(1,2,3-cd)pyrene	0.9	0.21J		0.21J		1.0 J		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		0.52J		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	0.23J		0.23J		0.99J		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	0.005		ND		ND		ND		ND		ND		0.003		ND		ND		0.004	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.298		0.107		0.214		0.064		0.006		0.184		0.113		0.075		0.045		0.31	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.023		0.090		0.488		0.006		ND		0.011		0.014		0.005		0.013		0.024	
4,4'-DDT	2	0.44		0.094		0.167		0.056		0.008		0.269		0.218		0.069		0.102		0.371	
gamma-Chlordane	NLE	ND		0.004		0.091		ND		ND		ND		ND		ND		ND		0.001	
alpha-Chlordane	NLE	ND		0.004		0.092		ND		ND		ND		ND		ND		ND		0.002	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	8490		15800		8020		13700		14300		7570		4010		7350		10600		8740	
Antimony	14	0.569		1.84		0.792		1.26		1.06		0.297		0.446		0.655		1.61		1.45	
Arsenic	20	9.32		18.7		15.3		19.4		20.4		7.35		92.8		8.46		13.9		12.2	
Barium	700	59.6		43.0		45.4		45.3		48.9		19.1		50.0		27.6		23.6		108	
Beryllium	2	0.919		2.07		1.00		0.907		0.955		0.481		0.584		0.683		1.31		1.36	
Cadmium	39	0.597		0.197		0.253		0.346		0.148		0.115		0.165		0.265		0.132		0.48	
Calcium	NLE	14000		1540		1080		1500		1090		863		1160		1930		1480		3010	
Chromium	NLE	58		147		75.4		113		104		49.0		46.5		56.5		129		111	
Cobalt	NLE	2.98		2.69		1.35		1.33		0.781		0.938		1.01		2.08		1.23		2.87	
Copper	600	31.2		14.7		345		69.4		11.4		6.59		11.4		11.3		3.93		53.7	
Iron	NLE	18200		57400		25100		24100		25500		15000		17200		16500		34200		32500	
Lead	400	113		32.3		237		535		17.4		5.59		3.00		12.0		7.83		106	
Magnesium	NLE	2870		6280		2860		3320		3060		1370		35.9		1550		4600		4200	
Manganese	NLE	59.6		55.9		118		115		31.5		12.3		17.4		25.5		40.9		54.8	
Mercury	14	4.363		0.142		0.102		0.039		0.028		0.024		0.044		0.044		0.040		0.231	
Nickel	250	10.5		10.1		5.57		5.70		5.32		5.24		5.13		6.66		5.98		11.7	
Potassium	NLE	6690		15400		5810		5550		7620		3470		4580		4870		10200		9790	
Selenium	63	ND		ND		ND		0.342		0.623		ND		0.723		ND		ND		ND	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	196		184		114		131		144		68.1		160		94.2		60		91.8	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	32.4		65.9		31.7		54.1		48.2		21.5		19.1		18.7		38.1		21.1	
Zinc	1500	139		92.2		160		241		47.5		24.7		38.6		34		69.7		275	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	3989.34	3989.35	3989.36	3989.37	3989.38	3989.39	3989.40	3989.41	3996.02	3996.03	3996.04	3996.05	3996.06	3996.07	3996.08	3996.09	3996.10	3996.11	3996.12	3996.13
Field Sample Location		B61 (6-12")	B61 (24")	B62 (6-12")	B62 (24")	B63 (6-12")	B63 (24")	B64 (6-12")	B64 (24")	B64A (6-12")	B64A (24")	B65 (6-12")	B65 (24")	B66 (6-12")	B66 (24")	B67 (6-12")	B67 (24")	B68 (6-12")	B68 (24")	B69 (6-12")	B69 (24")
Sample Date		10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/20/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998	10/21/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		1.1		1.1		ND		1.2		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.22J		0.24J		ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.95J		1.3		0.73J		0.41J		1.1		1.1		0.94J		0.89J		1.0 J		1.6	
Fluoranthene	2300	0.78J		0.47J		ND		ND		0.32J		0.31J		ND		ND		ND		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.85J		0.44J		ND		ND		0.31J		0.29J		ND		ND		ND		0.18J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	0.59J		0.32J		ND		ND		0.20J		0.19J		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	1.1		0.53J		ND		ND		0.31J		0.30J		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	0.32J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	0.63J		0.32J		ND		ND		0.19J		0.17J		ND		ND		ND		ND	
Benzo(k)fluoranthene	0.9	0.64J		0.33J		ND		ND		0.20J		0.19J		ND		ND		ND		ND	
Benzo(a)pyrene	0.66	0.74J		0.35J		ND		ND		0.20J		0.19J		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	0.42J		0.18J		ND		ND		0.13J		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	0.22J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	0.47J		0.18J		ND		ND		0.13J		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		0.002		ND		ND		ND		0.006		0.002	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.049		0.022		0.059		0.042		0.465		0.013		0.139		0.045		0.071		0.699	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.014		0.008		0.007		0.009		0.153		ND		0.01		0.005		0.008		0.05	
4,4'-DDT	2	0.106		0.027		0.115		0.032		1.45		0.012		0.147		0.071		0.082		0.629	
gamma-Chlordane	NLE	ND		ND		0.001		0.001		0.016		ND		ND		ND		ND		0.002	
alpha-Chlordane	NLE	ND		ND		0.003		0.003		0.022		ND		ND		ND		ND		0.003	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	9600		15400		9050		8260		7610		6880		10500		8280		8730		7410	
Antimony	14	1.27		1.06		1.32		1.23		0.858		0.982		1.55		5.96		1.19		0.228	
Arsenic	20	21.8		19.7		9.14		8.92		12.7		8.06		13.6		15.8		10.7		10.2	
Barium	700	128		24.2		18.5		17.9		48.5		21.5		49.5		56.0		32.7		463	
Beryllium	2	0.914		0.895		1.54		1.49		1.01		1.36		1.71		1.36		1.60		0.666	
Cadmium	39	0.291		0.289		0.587		0.537		0.317		0.258		0.33		0.465		0.628		0.526	
Calcium	NLE	1680		1140		800		747		1130		1230		1910		1520		703		2660	
Chromium	NLE	92.5		106		99.3		90.7		70.3		75.5		128		398		103		41.4	
Cobalt	NLE	1.16		0.825		1.59		1.50		1.58		1.23		2.27		2.98		1.50		4.02	
Copper	600	927		18.8		8.61		3.38		79.0		2.47		30.1		66.2		10.4		50.7	
Iron	NLE	25900		23900		39800		36900		22900		32800		39300		83400		35500		13200	
Lead	400	276		17.8		5.97		5.44		109		5.44		69.4		99.2		12.9		107	
Magnesium	NLE	2700		3730		4200		3680		2470		3220		5130		3700		3710		1540	
Manganese	NLE	64.7		25.9		22.9		22.0		113		25.3		32.0		172		20.4		90.9	
Mercury	14	0.086		0.035		0.031		0.026		0.107		0.025		0.035		0.120		0.058		0.414	
Nickel	250	5.6		3.89		7.08		6.72		5.28		5.77		8.12		10.8		7.18		14.6	
Potassium	NLE	4800		5550		9460		8370		4600		6550		11600		9060		8650		3940	
Selenium	63	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.633	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	140		176		71.4		63.1		120		93.4		91.7		126		97.2		184	
Thallium	2	ND		0.488		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	30.2		54.5		39.2		33.0		29.4		27.0		24.0		20.8		26.7		21.6	
Zinc	1500	214		30.3		56.5		56.4		105		54.7		141		274		77.2		250	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	3996.14 B70 (6-12") 10/21/1998	3996.15 B70 (24") 10/21/1998	3996.16 B71 (6-12") 10/21/1998	3996.17 B71 (24") 10/21/1998	3996.18 B72 (6-12") 10/21/1998	3996.19 B72 (24") 10/21/1998	3996.20 B73 (6-12") 10/21/1998	3996.21 B73 (24") 10/21/1998	3996.22 B74 (6-12") 10/21/1998	3996.23 B74 (24") 10/21/1998	4007.02 B75 (6-12") 10/26/1998	4007.03 B75 (24") 10/26/1998	4007.04 B76 (6-12") 10/26/1998	4007.05 B76 (24") 10/26/1998	4007.06 B77 (6-12") 10/26/1998	4007.07 B77 (24") 10/26/1998	4007.08 B78 (6-12") 10/26/1998	4007.09 B78 (24") 10/26/1998	4007.10 B79 (6-12") 10/26/1998	4007.11 B79 (24") 10/26/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		0.52J		ND		0.53J		0.93		ND		1.3		0.35J		0.39J		ND		0.45J
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		.29J		ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.28J		1.0 J		0.34J		0.19J		0.21J		0.93J		0.58J		1.6		0.35J		0.37J	
Fluoranthene	2300	ND		1.2		ND		ND		ND		ND		0.29J		ND		ND		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		1.4		ND		ND		ND		ND		0.29J		ND		ND		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		0.99J		ND		ND		ND		ND		0.19J		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		2.1		ND		ND		ND		ND		0.30J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		1.5		ND		ND		ND		ND		0.17J		ND		ND		ND	
Benzo(k)fluoranthene	0.9	ND		1.2		ND		ND		ND		ND		0.21J		ND		ND		ND	
Benzo(a)pyrene	0.66	ND		1.6		ND		ND		ND		ND		0.20J		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		0.77J		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		0.40J		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		0.84J		ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		0.004		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.011		0.414		0.027		0.008		0.037		0.007		0.003		0.002		0.004		0.003	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.02		0.054		0.015		ND		0.003		ND		ND		ND		ND		ND	
4,4'-DDT	2	0.022		0.438		0.042		0.01		0.041		0.003		0.004		0.003		0.007		0.007	
gamma-Chlordane	NLE	ND		0.002		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		0.003		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	13900		9170		8830		7760		6040		5210		5510		11700		7890		5860	
Antimony	14	0.761		1.04		1.51		1.33		0.823		ND		0.410		ND		ND		ND	
Arsenic	20	22.5		14.1		8.78		9.27		7.13		6.23		6.89		12.3		22.2		21.7	
Barium	700	40.0		120		53.3		18.1		12.2		28.5		23.6		30.5		23.0		10.8	
Beryllium	2	0.885		1.14		1.46		1.23		0.938		1.04		1.05		2.23		0.750		0.654	
Cadmium	39	0.531		1.18		0.347		0.15		0.209		0.104		0.158		0.112		0.224		0.199	
Calcium	NLE	1410		3650		527		674		347		913		1060		1410		1100		916	
Chromium	NLE	103		84.5		111		93.2		74.1		61.5		65.5		129		128		86.6	
Cobalt	NLE	0.970		2.74		2.47		1.68		1.48		1.59		1.34		2.68		0.624		0.403	
Copper	600	47.4		64.9		67.2		1.81		1.91		3.41		3.38		2.61		41.9		13.5	
Iron	NLE	25100		25400		34900		32500		24000		24400		26800		53000		23600		12700	
Lead	400	22.8		178		152		5.37		5.26		5.54		5.67		5.85		51.0		11.2	
Magnesium	NLE	3330		3570		3710		3040		2120		2130		2250		5800		2670		1900	
Manganese	NLE	33.5		114		37.3		32.4		38.2		42.1		33.3		41.1		36.8		16.1	
Mercury	14	0.033		0.657		1.971		0.031		0.017		0.053		0.034		0.022		0.026		0.018	
Nickel	250	5.17		11.4		9.18		6.85		5.33		5.30		5.91		9.11		3.30		3.26	
Potassium	NLE	5410		6310		9410		6840		4570		5430		3730		12700		4200		4670	
Selenium	63	ND		0.541		ND		ND		ND		0.604		0.58		0.537		1.22		ND	
Silver	110	ND		2.28		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	153		198		125		104		117		115		120		147		122		159	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	50.4		31.6		17.7		28.6		27.5		26.2		28.5		50.5		20.9		18.2	
Zinc	1500	174		251		145		48.5		36.3		45.3		48		75.2		106		25.1	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4007.12	4007.13	4007.14	4007.15	4007.16	4007.17	4007.18	4007.19	4007.20	4007.21	4007.22	4007.23	4007.24	4007.25	4007.26	4007.27	4007.28	4007.29	4007.30	4007.31
Field Sample Location		B80 (6-12")	B80 (24")	B81 (6-12")	B81 (24")	B82 (6-12")	B82 (24")	B83 (6-12")	B83 (24")	B84 (6-12")	B84 (24")	B85 (6-12")	B85 (24")	B86 (6-12")	B86 (24")	B87 (6-12")	B87 (24")	B88 (6-12")	B88 (24")	B89 (6-12")	B89 (24")
Sample Date		10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998	10/26/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		0.47J		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		0.17J		0.19J		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		0.54J		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		0.23J		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		0.29J		ND		7.3		1.9		0.61J		0.35J	
Anthracene	10000	ND		ND		ND		ND		ND		ND		1.4		0.38J		0.13J		ND	
Di-n-butylphthalate	5700	1.0J		0.57J		0.63J		0.63J		0.68J		0.17J		0.16J		0.27J		0.18J		0.18J	
Fluoranthene	2300	ND		0.29J		0.18J		ND		0.68J		ND		28E		5.8		1.8		1.2	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		0.31J		0.18J		ND		0.65J		ND		22E		4.9		1.8		1.1	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		0.19J		ND		ND		0.49J		ND		19E		3.6		1.3		0.88J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.31J		ND		ND		0.84J		ND		32E		6.9		2.3		1.6	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		0.18J		ND		ND		0.54J		ND		40E		5.3		1.7		1.1	
Benzo(k)fluoranthene	0.9	ND		0.19J		ND		ND		0.56J		ND		9.1		3.2		1.4		1.1	
Benzo(a)pyrene	0.66	ND		ND		ND		ND		0.58J		ND		26E		4.9		1.8		1.2	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		ND		ND		0.31J		ND		9.9		2.0		0.85J		0.75J	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		ND		ND		ND		8.6		0.63J		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		ND		ND		ND		0.32J		ND		7.8		1.9		0.82J		0.82J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		0.002		0.003		ND		ND		ND		ND		0.004		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.217		0.371		0.317		0.002		0.022		0.493		0.507		0.29		0.005		0.049	
Dieldrin	0.042	ND		0.060		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.113		ND		0.023		ND		0.003		0.014		0.049		ND		ND		0.007	
4,4'-DDT	2	0.311		0.631		0.482		ND		0.017		0.359		0.626		0.474		0.006		0.039	
gamma-Chlordane	NLE	0.008		0.010		0.006		ND		ND		ND		0.001		0.01		ND		ND	
alpha-Chlordane	NLE	0.004		0.010		0.010		ND		ND		ND		0.002		0.013		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		1.479		ND		ND		ND		ND		ND		2.007		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	11300		12900		6360		9910		12100		7880		7970		14900		5120		7770	
Antimony	14	ND		ND		ND		ND		ND		ND		0.513		0.506		ND		ND	
Arsenic	20	19.6		25.6		19.2		11.1		12.1		9.95		25.6		20.4		7.27		8.40	
Barium	700	59.3		118		79.5		24.3		24.3		28.0		92.4		219		15.3		18.9	
Beryllium	2	1.34		1.59		0.698		1.95		2.31		1.42		0.904		1.86		0.597		1.41	
Cadmium	39	0.312		1.2		0.437		0.155		ND		0.129		0.791		0.388		0.114		ND	
Calcium	NLE	2070		2860		2050		1000		1360		1900		1780		312		987		1130	
Chromium	NLE	162		185		74.7		109		131		92.7		98.0		168		49.6		90.8	
Cobalt	NLE	1.15		1.69		1.29		2.27		2.77		2.42		1.85		2.41		0.914		1.65	
Copper	600	61.2		109		76.0		3.66		6.12		7.07		204		92.8		4.62		2.91	
Iron	NLE	29500		42400		19500		47600		58800		36100		27100		49200		17800		35100	
Lead	400	72.4		134		59.4		59.5		23.4		60.5		202		147		12.3		10.6	
Magnesium	NLE	4400		5400		1910		4960		6780		3750		2770		5670		1490		3480	
Manganese	NLE	27.6		84.0		83.5		38.7		34.5		34.8		121		25.8		26.6		27.4	
Mercury	14	0.295		0.794		0.14		0.013		0.04		0.041		0.148		3.539		0.067		0.038	
Nickel	250	6.53		7.82		5.86		7.61		8.42		5.84		6.67		8.08		3.32		5.25	
Potassium	NLE	7730		9790		4340		11100		15000		7650		4380		12900		3780		7350	
Selenium	63	0.878		2.01		0.987		ND		0.574		0.484		1.11		1.13		0.614		0.539	
Silver	110	ND		4.25		0.629		ND		ND		ND		ND		16.0		ND		ND	
Sodium	NLE	210		178		220		105		150		105		120		170		63.3		109	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	45.2		61.6		25.6		41.3		61.9		35.6		38.0		67.8		21.0		31.4	
Zinc	1500	174		237		191		66.2		81.4		74.3		410		93.6		33.0		53.2	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4009.02 B90 (6-12") 10/27/1998	4009.03 B90 (24") 10/27/1998	4009.04 B91 (6-12") 10/27/1998	4009.05 B91 (24") 10/27/1998	4009.06 B92 (6-12") 10/27/1998	4009.07 B92 (24") 10/27/1998	4009.08 B93 (6-12") 10/27/1998	4009.09 B93 (24") 10/27/1998	4009.10 B94 (6-12") 10/27/1998	4009.11 B94 (24") 10/27/1998	4009.12 B95 (6-12") 10/27/1998	4009.13 B95 (24") 10/27/1998	4009.14 B96 (6-12") 10/27/1998	4009.15 B96 (24") 10/27/1998	4009.16 B97 (6-12") 10/27/1998	4009.17 B97 (24") 10/27/1998	4009.18 B98 (6-12") 10/27/1998	4009.19 B98 (24") 10/27/1998	4009.20 B99 (6-12") 10/27/1998	4009.21 B99 (24") 10/27/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	0.29J		0.19J		0.56J		ND		0.18J		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.36J		0.24J		0.74J		0.46J		0.41J		0.42 J		0.73 J		0.87 J		0.84 J		0.27 J	
Fluoranthene	2300	1.1		0.63J		2.1		ND		0.32J		ND		ND		0.17 J		ND		0.23 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	1.1		0.62J		0.99J		ND		0.35J		ND		ND		0.50 J		ND		0.23 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	0.82J		0.43J		0.50J		ND		0.22J		ND		ND		0.34 J		ND		0.17 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	1.5		0.64J		2.4		ND		0.36J		ND		ND		0.85 J		ND		0.31 J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		7.2		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	1.0 J		0.36J		1.9		ND		0.22J		ND		ND		0.58 J		ND		0.22 J	
Benzo(k)fluoranthene	0.9	0.85J		0.41J		4.4		ND		0.21J		ND		ND		0.60 J		ND		0.20 J	
Benzo(a)pyrene	0.66	1.0 J		0.43J		4.3		ND		0.24J		ND		ND		0.29 J		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	0.64J		0.24J		0.71J		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	0.30J		0.13J		0.41J		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	0.68J		0.24J		0.66J		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		0.002		ND		0.007		ND		0.003		ND		0.008		ND		0.005	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.357		0.114		1.746		0.463		0.302		0.320		0.095		0.414		0.006		0.337	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.021		0.031		2.44		0.448		0.093		0.070		0.032		0.666		ND		0.085	
4,4'-DDT	2	0.364		0.484		6.171		3.400		0.403		0.507		0.181		0.538		0.003		0.767	
gamma-Chlordane	NLE	ND		ND		0.400		0.042		0.005		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		0.390		0.03		0.006		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		0.475		23.639		2.428		ND		ND		ND		ND		ND		0.468	
Metals (mg/kg)																					
Aluminum	NLE	9080		10100		10400		11300		12100		8130		12500		11500		7970		14100	
Antimony	14	ND		ND		ND		0.490		0.770		0.302		ND		ND		ND		0.685	
Arsenic	20	10.1		20.8		15.8		23.3		19.8		12.3		19.4		10.2		4.60		14.1	
Barium	700	26.7		73.7		120		214		45.8		103		69.8		61.6		24.0		182	
Beryllium	2	1.63		1.3		1.92		1.17		1.60		1.06		2.01		1.37		1.24		2.17	
Cadmium	39	1140		0.583		3.80		0.827		0.128		0.658		0.951		0.310		0.178		3.18	
Calcium	NLE	0.161		1410		1100		431		4310		2650		2060		1110		3060		1850	
Chromium	NLE	104		129		142		122		156		95.9		160		117		109		184	
Cobalt	NLE	1.94		1.99		3.07		2.69		2.51		2.24		3.64		2.69		4.07		4.13	
Copper	600	4.58		125		195		98.6		12.2		104		21.0		11.8		4.24		134	
Iron	NLE	44800		34400		47600		51000		44100		26500		48200		32200		27700		51000	
Lead	400	25.8		226		293		187		127		119		30.2		21.7		9.54		162	
Magnesium	NLE	4390		3880		4450		3920		5280		3100		6190		3970		3710		6800	
Manganese	NLE	28.7		105		34.2		34.0		32.7		190		43.3		62.2		11.8		48.1	
Mercury	14	0.037		0.697		3.81		0.408		0.135		0.082		0.232		0.131		0.036		1.50	
Nickel	250	6.03		7.43		12.1		13.8		7.75		6.20		13.5		8.16		15.8		13.0	
Potassium	NLE	9180		7100		9940		8900		10100		5020		13500		8000		9930		15500	
Selenium	63	0.665		1.00		1.59		1.11		0.994		0.773		0.845		0.747		ND		1.26	
Silver	110	ND		1.36		12.2		1.81		ND		ND		0.783		ND		ND		15.2	
Sodium	NLE	135		148		178		382		126		125		158		131		139		245	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	39.5		42.0		43.5		52.9		42.3		32.9		35.2		43.2		12.2		54.8	
Zinc	1500	61.2		167		178		132		84.1		350		190		105		104		204	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
September 1998 through November 1998
M-3 Landfill Site
Fort Monmouth, New Jersey

Lab Sample ID	NJDEP Cleanup Criteria (mg/kg)	4009.22	4009.23	4009.24	4009.25	4009.26	4009.27	4009.28	4009.29	4009.30	4009.31	4024.02	4024.03	4024.04	4024.05	4024.06	4024.07	4024.08	4024.09	4024.10	4024.11
Field Sample Location		B100 (6-12")	B100 (24")	B101 (6-12")	B101 (24")	B102 (6-12")	B102 (24")	B103 (6-12")	B103 (24")	B104 (6-12")	B104 (24")	B105 (6-12")	B105 (24")	B106 (6-12")	B106 (24")	B107 (6-12")	B107 (24")	B108 (6-12")	B108 (24")	B109 (6-12")	B109 (24")
Sample Date		10/27/1998	10/27/1998	10/27/1998	10/27/1998	10/27/1998	10/27/1998	10/27/1998	10/27/1998	10/27/1998	10/27/1998	11/2/1998	11/2/1998	11/2/1998	11/2/1998	11/2/1998	11/2/1998	11/2/1998	11/2/1998	11/2/1998	11/2/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		0.50 J	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.35 J		0.46 J		0.62 J		0.72 J		0.78 J		0.20 J		0.62 J		0.52 J		0.21 J		0.44 J	
Fluoranthene	2300	0.21 J		0.38 J		0.54 J		0.24 J		0.20 J		ND		ND		ND		0.36 J		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.19 J		0.40 J		0.52 J		0.25 J		0.19 J		ND		ND		ND		0.39 J		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		0.28 J		0.44 J		0.19 J		ND		ND		ND		ND		0.2 J		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.52 J		0.79 J		0.33 J		ND		ND		ND		ND		0.28 J		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		0.36 J		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		0.32 J		0.51 J		0.20 J		0.16 J		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	0.9	ND		0.33 J		0.50 J		0.20 J		0.16 J		ND		ND		ND		ND		ND	
Benzo(a)pyrene	0.66	ND		0.29 J		0.56 J		0.22 J		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		0.19 J		0.34 J		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		0.18 J		0.37 J		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		0.002		ND		ND		ND		0.007		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.076		0.090		0.130		0.046		0.272		0.809		0.115		0.044		0.069		0.028	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.021		0.083		0.016		0.004		0.049		0.618		0.022		0.029		0.012		0.061	
4,4'-DDT	2	0.077		0.179		0.121		0.028		0.263		0.867		0.209		0.105		0.097		0.042	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	5150		10500		15700		6380		7030		13600		7230		6840		6340		15500	
Antimony	14	0.362		ND		ND		ND		ND		ND		0.370		1.34		0.439		ND	
Arsenic	20	7.22		15.4		13.4		18.5		4.96		11.9		13.0		10.6		10.2		12.6	
Barium	700	96.0		97.0		29.4		45.6		43.0		68.9		41.1		88.3		34.1		327	
Beryllium	2	1.06		1.07		2.52		0.998		1.10		1.56		1.18		1.47		1.07		1.85	
Cadmium	39	0.491		ND		0.096		0.128		0.177		ND		0.284		0.487		0.168		0.123	
Calcium	NLE	1290		401		1500		1230		1760		333		2080		871		1800		578	
Chromium	NLE	65.7		108		200		89.9		105		140		87.3		74.9		91.6		163	
Cobalt	NLE	2.52		2.15		5.50		2.61		2.63		2.14		2.88		3.95		3.17		2.39	
Copper	600	28.5		23.0		4.58		3.15		11.8		13.5		11.0		357		6.07		30.8	
Iron	NLE	21000		34800		55900		25400		27800		40500		27000		70100		26000		42300	
Lead	400	214		399		11.9		26.7		11.1		23.5		79.0		515		12.4		119	
Magnesium	NLE	2080		3100		8570		2660		3330		4760		2930		2340		3000		5300	
Manganese	NLE	34.7		21.9		24.3		19.7		13.2		22.1		43.7		140		17.6		16.7	
Mercury	14	0.238		0.176		0.021		0.024		0.056		0.061		0.032		16.1		0.083		0.068	
Nickel	250	9.17		6.24		16.3		6.05		12.6		6.31		8.52		20.5		8.93		7.16	
Potassium	NLE	4660		6010		20900		6300		8480		9490		5450		5690		6990		11900	
Selenium	63	0.693		1.24		ND		ND		ND		1.16		0.731		1.17		ND		1.07	
Silver	110	ND		ND		ND		ND		ND		ND		ND		43.2		ND		7.83	
Sodium	NLE	104		129		148		85.1		116		164		198		144		103		204	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	21.4		50.1		34.9		11.5		12.9		61.2		23.0		26.8		14.4		56.4	
Zinc	1500	130		88.9		133		82.3		101		59.1		109		393		98.5		63.4	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4024.12 B110 (6-12") 11/2/1998	4024.13 B110 (24") 11/2/1998	4024.14 B111 (6-12") 11/2/1998	4024.15 B111 (24") 11/2/1998	4024.16 B112 (6-12") 11/2/1998	4024.17 B112 (24") 11/2/1998	4024.18 B113 (6-12") 11/2/1998	4024.19 B113 (24") 11/2/1998	4024.20 B114 (6-12") 11/2/1998	4024.21 B114 (24") 11/2/1998	4024.22 B115 (6-12") 11/2/1998	4024.23 B115 (24") 11/2/1998	4024.24 B116 (6-12") 11/2/1998	4024.25 B116 (24") 11/2/1998	4024.26 B117 (6-12") 11/2/1998	4024.27 B117 (24") 11/2/1998	4024.28 B118 (6-12") 11/2/1998	4024.29 B118 (24") 11/2/1998	4024.30 B119 (6-12") 11/2/1998	4024.31 B119 (24") 11/2/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		0.50		ND		2.3		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	1.4		ND		ND		ND		0.86 J		ND		0.44 J		0.19 J		ND		0.22 J	
Anthracene	10000	0.3 J		ND		ND		ND		0.12 J		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.69 J		0.39 J		0.52 J		0.14 J		1.1 J		0.45 J		0.18 J		0.33 J		0.49 J		0.66 J	
Fluoranthene	2300	5.0		ND		0.21 J		ND		2.2		ND		1.8		0.20 J		ND		0.45 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	5.1		ND		0.23 J		ND		2.3		ND		1.9		0.21 J		ND		0.45 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	3.7		ND		ND		ND		2.1		ND		1.3		ND		ND		0.31 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	7.5		ND		ND		ND		4.1		ND		3.0		ND		ND		0.55 J	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		1.0 J		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	6.7		ND		ND		ND		3.6		ND		2.4		ND		ND		0.35 J	
Benzo(k)fluoranthene	0.9	3.9		ND		ND		ND		2.2		ND		1.7		ND		ND		0.32 J	
Benzo(a)pyrene	0.66	6.1		ND		ND		ND		3.3		ND		2.1		ND		ND		0.34 J	
Indeno(1,2,3-cd)pyrene	0.9	2.7		ND		ND		ND		1.9		ND		1.2		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	1.2		ND		ND		ND		0.95 J		ND		0.50 J		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	2.7		ND		ND		ND		2.0		ND		1.2		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	0.002		ND		ND		ND		ND		0.002		0.005		ND		ND		0.014	
Heptachlor	0.15	0.003		0.058		ND		ND		ND		0.003		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		0.033		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.369		0.055		0.182		0.011		0.194		0.247		0.585		0.298		0.008		1.648	
Dieldrin	0.042	ND		0.063		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.048		0.022		0.047		ND		0.05		0.022		0.138		0.243		0.009		0.324	
4,4'-DDT	2	0.655		0.083		0.324		0.017		0.369		0.292		0.759		0.236		0.008		1.29	
gamma-Chlordane	NLE	ND		0.386		ND		ND		ND		0.042		ND		ND		ND		0.006	
alpha-Chlordane	NLE	ND		0.389		ND		ND		ND		0.046		ND		ND		ND		0.004	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	7520		6420		15700		4830		18600		5710		7270		4250		2220		5020	
Antimony	14	0.318		0.622		ND		ND		ND		0.471		ND		ND		0.517		ND	
Arsenic	20	11.2		13.4		17.3		4.59		26.1		7.25		5.09		4.90		3.68		7.22	
Barium	700	73.0		34.6		45.7		54.7		232		182		59.2		98.1		65.8		59.2	
Beryllium	2	1.46		1.10		2.44		0.712		3.18		0.976		1.70		0.654		0.360		0.965	
Cadmium	39	0.235		0.156		0.267		0.197		0.817		0.520		0.300		0.139		0.505		0.276	
Calcium	NLE	2150		1880		2490		528		3190		1260		876		1020		247		2170	
Chromium	NLE	95.0		90.0		194		33.6		202		48.0		48.9		20.8		12.2		38.3	
Cobalt	NLE	3.24		1.68		4.52		2.10		5.12		2.70		4.75		2.37		2.28		5.20	
Copper	600	13.8		23.4		12.0		21.1		38.9		50.7		35.4		44.4		36.5		28.0	
Iron	NLE	32500		36300		58400		10300		73500		17200		13800		9560		10800		13100	
Lead	400	96.9		454		25.4		17.8		779		241		74.7		96.6		27.2		52.7	
Magnesium	NLE	2990		2830		8370		1120		8790		1770		1740		656		137		1600	
Manganese	NLE	4650		32.7		34.6		38.2		83.2		22.4		21.5		14.2		16.4		65.0	
Mercury	14	0.065		0.159		0.128		0.062		0.286		0.097		0.300		0.772		0.219		16.199	
Nickel	250	8.42		5.62		11.7		10.2		16.6		10.1		18.2		8.73		7.87		13.2	
Potassium	NLE	6720		5890		19700		2630		21500		3570		5090		1650		371		3030	
Selenium	63	0.415		1.04		1.02		1.08		0.877		1.34		0.799		1.53		1.64		1.23	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	97.3		204		210		209		198		259		206		156		133		138	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	24.4		26.6		43.8		20.8		70.7		29.2		25.5		21.9		14.0		20.7	
Zinc	1500	172		94.6		121		28.4		480		150		105		27.4		19.7		81.4	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4027.02 B120 (6-12") 11/3/1998	4027.03 B120 (24") 11/3/1998	4027.04 B121 (6-12") 11/3/1998	4027.05 B121 (24") 11/3/1998	4027.06 B122 (6-12") 11/3/1998	4027.07 B122 (24") 11/3/1998	4027.08 B123 (6-12") 11/3/1998	4027.09 B123 (24") 11/3/1998	4027.10 B124 (6-12") 11/3/1998	4027.11 B124 (24") 11/3/1998	4027.12 B125 (6-12") 11/3/1998	4027.13 B125 (24") 11/3/1998	4027.14 B126 (6-12") 11/3/1998	4027.15 B126 (24") 11/3/1998	4027.16 B127 (6-12") 11/3/1998	4027.17 B127 (24") 11/3/1998	4027.18 B128 (6-12") 11/3/1998	4027.19 B128 (24") 11/3/1998	4027.20 B129 (6-12") 11/3/1998	4027.21 B129 (24") 11/3/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		0.46		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		0.27		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		0.45		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		0.43		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		0.30 J		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		0.56 J		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		0.28 J		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	0.25 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	3.2		0.36 J		1.2		ND		ND		ND		0.28 J		ND		0.34 J		ND	
Anthracene	10000	0.61 J		0.29 J		0.15 J		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.51 J		0.81 J		0.19 J		0.17 J		0.22 J		0.50 J		0.24 J		0.15 J		0.65 J		0.99 J	
Fluoranthene	2300	6.0		2.1		0.83 J		0.29 J		ND		ND		0.53 J		ND		0.93 J		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	5.0		2.8		1.5		0.36 J		ND		ND		0.5 J		ND		0.88 J		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	2.3		1.7		0.55 J		0.52 J		ND		ND		0.24 J		ND		0.38 J		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	3.6		3.5		1.0 J		0.77 J		ND		ND		0.50 J		ND		1.1		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		22		ND		0.26 J		ND		0.77 J		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	2.1		3		0.23 J		0.41 J		ND		ND		0.26 J		ND		0.67 J		ND	
Benzo(k)fluoranthene	0.9	1.9		2.3		0.34 J		0.58 J		ND		ND		0.27 J		ND		0.55 J		ND	
Benzo(a)pyrene	0.66	2.0		2.2		0.34 J		0.49 J		ND		ND		0.23 J		ND		0.44 J		ND	
Indeno(1,2,3-cd)pyrene	0.9	0.73 J		0.95 J		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	0.36 J		0.42 J		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	0.62 J		0.88 J		ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		0.006		ND		ND		ND		ND		0.007		0.004		0.022		0.007	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.10		0.31		0.169		0.023		0.097		0.053		0.241		0.148		0.63		0.193	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.067		0.073		0.077		0.052		0.046		0.032		0.301		0.187		0.341		0.051	
4,4'-DDT	2	0.467		0.469		0.217		0.084		0.262		0.078		0.269		0.042		0.723		0.420	
gamma-Chlordane	NLE	0.005		ND		0.006		ND		ND		ND		ND		ND		0.005		ND	
alpha-Chlordane	NLE	0.003		ND		0.006		ND		ND		ND		ND		ND		0.006		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	4850		5740		7550		10500		4270		3620		6830		6730		12700		16600	
Antimony	14	ND		0.361		ND		ND		ND		ND		0.599		ND		ND		ND	
Arsenic	20	7.52		6.28		7.81		11.1		4.00		21.3		11.5		9.16		15.5		37.6	
Barium	700	38.3		143		37.9		39.4		163		76.1		129		86.3		98.1		96.3	
Beryllium	2	0.486		0.730		0.843		1.03		0.46		0.557		0.923		0.776		1.72		2.18	
Cadmium	39	0.326		0.411		0.156		0.163		0.198		0.126		0.375		0.116		ND		0.074	
Calcium	NLE	2290		2410		894		1090		3640		1780		1810		1810		283		210	
Chromium	NLE	35.7		37.8		71.1		97.3		6.11		58.5		39.6		67.9		149		200	
Cobalt	NLE	4.35		2.98		1.54		2.36		2.42		1.10		4.08		1.55		3.44		3.51	
Copper	600	56.9		53.3		10.0		7.36		14.1		7.91		56.2		6.24		44.6		26.7	
Iron	NLE	14000		15300		23200		28400		3510		14800		13600		21500		53400		75600	
Lead	400	239		85.4		16.3		10.1		13.8		10.8		101		42.1		193		167	
Magnesium	NLE	2010		1530		2340		2980		382		1510		1170		1950		5530		7320	
Manganese	NLE	51.1		34.6		26.2		56.2		19.6		22.3		19.7		18.8		24.8		22.3	
Mercury	14	0.187		0.450		0.089		0.031		0.552		0.031		0.331		0.104		0.122		0.164	
Nickel	250	11.3		11.8		5.74		6.17		7.94		4.32		15.3		4.11		10.1		9.88	
Potassium	NLE	2550		3920		3920		5000		451		3000		2860		3460		13100		19000	
Selenium	63	0.656		0.799		0.524		0.735		ND		1.79		4.29		1.26		1.01		1.26	
Silver	110	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	343		174		258		89		203		131		223		81.6		182		222	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	36.8		24.2		29.6		39.5		11.6		14.3		30.4		29.2		65.7		101	
Zinc	1500	105		80.2		49.3		50.2		62.9		47.1		78.3		36.6		82.9		94.2	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4027.22 B130 (6-12") 11/3/1998	4027.23 B130 (24") 11/3/1998	4027.24 B131 (6-12") 11/3/1998	4027.25 B131 (24") 11/3/1998	4027.26 B132 (6-12") 11/3/1998	4027.27 B132 (24") 11/3/1998	4027.28 B133 (6-12") 11/3/1998	4027.29 B133 (24") 11/3/1998	4027.30 B134 (6-12") 11/3/1998	4027.31 B134 (24") 11/3/1998	4030.02 B135 (6-12") 11/4/1998	4030.03 B135 (24") 11/4/1998	4030.04 B136 (6-12") 11/4/1998	4030.05 B136 (24") 11/4/1998	4030.06 B137 (6-12") 11/4/1998	4030.07 B137 (24") 11/4/1998	4030.08 B138 (6-12") 11/4/1998	4030.09 B138 (24") 11/4/1998	4030.10 B139 (6-12") 11/4/1998	4030.11 B139 (24") 11/4/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		0.55		0.40		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		0.74		1.1		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		0.51		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		1.7		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		2.6		0.56 J		ND		ND		ND		ND		0.32 J		ND		ND
o-Xylene	410		ND		1.5		0.35 J		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		0.57 J		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		0.5 J		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		0.64 J		ND		ND	
Phenanthrene	NLE	ND		ND		0.31 J		ND		ND		ND		ND		7.8		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		1.7		ND		ND	
Di-n-butylphthalate	5700	0.65 J		0.38 J		0.77 J		1.2		0.75 J		1.1 J		0.20 J		0.39 J		0.58 J		0.31 J	
Fluoranthene	2300	ND		ND		0.65 J		ND		ND		ND		ND		7.4		0.21 J		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		ND		0.67 J		ND		ND		ND		ND		6.3		ND		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		ND		0.23 J		ND		ND		ND		ND		2.9		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		0.56 J		ND		ND		ND		ND		4.1		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		ND		0.30 J		ND		ND		ND		ND		2.4		ND		ND	
Benzo(k)fluoranthene	0.9	ND		ND		0.30 J		ND		ND		ND		ND		2.1		ND		ND	
Benzo(a)pyrene	0.66	ND		ND		ND		ND		ND		ND		ND		2.5		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		0.95 J		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		0.5 J		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		ND		ND		ND		ND		ND		ND		0.85 J		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		0.013		0.01		0.02		ND		ND		ND		0.006		0.005	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.026		0.009		0.26		0.531		6.677		0.244		0.025		0.099		0.340		0.278	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		0.007		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.027		0.141		0.129		0.214		2.612		0.095		0.065		0.163		0.063		0.088	
4,4'-DDT	2	0.019		0.045		0.493		0.868		10.216		0.21		0.028		0.21		0.503		0.327	
gamma-Chlordane	NLE	ND		ND		ND		0.003		0.197		ND		ND		0.004		ND		0.003	
alpha-Chlordane	NLE	ND		ND		ND		0.003		0.178		0.003		ND		0.058		0.003		0.005	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	2850		9880		17300		3080		6380		5410		20300		15400		8420		4500	
Antimony	14	1.90		ND		ND		0.275		ND		ND		ND		0.581		0.378		ND	
Arsenic	20	75.0		14.8		21.5		8.33		11.8		6.90		13.8		17.7		15.4		8.43	
Barium	700	42.1		55.8		91.1		101		95.3		86.3		30.4		90.2		75.8		114	
Beryllium	2	0.760		1.34		1.74		0.842		0.859		1.04		3.18		1.82		1.23		0.622	
Cadmium	39	0.158		0.238		ND		0.177		0.254		0.117		0.117		0.134		0.196		0.422	
Calcium	NLE	924		2340		331		487		1530		1670		2270		789		548		2580	
Chromium	NLE	28.5		145		134		26.2		81.7		39.8		39.8		138		83.4		24.8	
Cobalt	NLE	2.03		2.86		3.41		2.09		2.00		2.93		2.93		3.7		3.38		3.26	
Copper	600	35.5		14.8		23.5		56.7		211		29.3		29.3		29.7		28.3		18.5	
Iron	NLE	11000		28800		60500		13400		21000		16600		15900		49300		43100		10400	
Lead	400	155		89.3		95.9		69.4		48.1		86.6		86.6		297		105		70.8	
Magnesium	NLE	684		4010		5140		496		2030		1500		1500		5050		2360		806	
Manganese	NLE	18.2		25.9		26.6		17.7		25.1		34.2		34.2		56.7		24.4		26.5	
Mercury	14	0.024		0.07		0.134		0.106		0.120		0.243		0.028		0.0150		0.090		0.745	
Nickel	250	7.76		9.66		9.88		6.29		7.38		8.36		8.36		10.5		10.4		9.28	
Potassium	NLE	1931		7110		12300		1610		4010		3210		3210		10400		5190		2170	
Selenium	63	19.3		1.33		1.16		1.63		1.39		0.931		0.931		1.03		1.18		1.94	
Silver	110	ND		ND		ND		ND		0.548		ND		ND		ND		ND		ND	
Sodium	NLE	135		119		333		137		145		147		147		228		300		290	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	32.0		45.4		89.4		21.8		28.0		24.9		24.9		75.9		55.7		13.3	
Zinc	1500	43.2		91.2		79.7		29.5		65.6		35.6		35.6		125		73.2		63.5	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4030.12 B140 (6-12") 11/4/1998	4030.13 B140 (24") 11/4/1998	4030.14 B141 (6-12") 11/4/1998	4030.15 B141 (24") 11/4/1998	4030.16 B142 (6-12") 11/4/1998	4030.17 B142 (24") 11/4/1998	4030.18 B143 (6-12") 11/4/1998	4030.19 B143 (24") 11/4/1998	4041.02 B144 (6-12") 11/9/1998	4041.03 B144 (24") 11/9/1998	4041.04 B145 (6-12") 11/9/1998	4041.05 B145 (24") 11/9/1998	4041.06 B146 (6-12") 11/9/1998	4041.07 B146 (24") 11/9/1998	4041.08 B147 (6-12") 11/9/1998	4041.09 B147 (24") 11/9/1998	4041.10 B148 (6-12") 11/9/1998	4041.11 B148 (24") 11/9/1998	4041.12 B149 (6-12") 11/9/1998	4041.13 B149 (24") 11/9/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		0.62		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		0.53 J		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		0.55 J		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	0.27 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	0.31 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	4.1		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	10000	0.99 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.39 J		0.2 J		0.51 J		0.66 J		0.47 J		1.4		1.4		0.54 J		0.90 J		0.19 J	
Fluoranthene	2300	5.4		ND		0.17 J		0.40 J		ND		ND		ND		ND		ND		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	5.3		ND		0.32 J		0.46 J		ND		ND		ND		ND		ND		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	1.8		ND		ND		0.28 J		ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	2.6		ND		ND		0.47 J		ND		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		0.33 J		ND		ND		ND		1.3 J		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	1.5		ND		ND		0.32 J		ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	0.9	1.4		ND		ND		0.31 J		ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	0.66	1.6		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	0.72 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	0.26 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	0.71 J		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		0.060		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.032		0.020		0.059		0.108		0.063		0.013		0.034		0.034		0.104		0.228	
Dieldrin	0.042	ND		ND		ND		ND		0.004		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.052		0.140		0.066		0.072		0.174		ND		0.010		0.038		0.042		0.081	
4,4'-DDT	2	0.014		0.022		0.166		0.066		0.087		0.007		0.033		0.084		0.175		0.232	
gamma-Chlordane	NLE	ND		ND		0.003		0.004		0.008		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		0.003		0.004		0.009		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	4720		4790		6570		5440		13700		2940		12800		3390		15800		18200	
Antimony	14	ND		ND		ND		ND		0.383		0.565		ND		0.722		ND		0.538	
Arsenic	20	8.98		5.73		11.0		10.2		10.1		5.54		13.4		18.6		25.3		17.5	
Barium	700	34.0		189		58.0		72.2		29.3		74.2		133		172		153		37.0	
Beryllium	2	0.713		0.488		0.797		0.375		2.23		0.846		1.58		0.61		1.47		2.95	
Cadmium	39	0.276		0.119		0.965		0.083		0.591		0.189		1.28		0.264		0.725		0.779	
Calcium	NLE	8030		873		420		280		280		793		1770		372		359		1230	
Chromium	NLE	23.1		23.4		50.8		52.0		140		6.66		71.3		11.3		152		186	
Cobalt	NLE	3.51		2.35		3.32		1.94		2.81		3.05		7.75		2.57		3.26		3.47	
Copper	600	170		57.7		26.2		17.1		3.89		23.1		36.3		126		23.5		8.34	
Iron	NLE	19000		9080		23800		22300		53800		4260		20900		6730		68900		70900	
Lead	400	34.0		53.1		112		79.5		66.8		12.1		41.1		32.5		270		167	
Magnesium	NLE	935		685		1420		1140		7020		173		2000		257		5250		9650	
Manganese	NLE	45.5		18.1		17.8		18.4		16.5		12.9		44.1		18.2		31.2		58.9	
Mercury	14	0.333		0.079		0.088		0.098		0.037		0.024		0.117		0.048		0.145		0.057	
Nickel	250	10.3		8.48		10.2		6.60		7.65		10.3		23.2		9.31		9.70		9.73	
Potassium	NLE	1580		1520		4130		2360		15300		419		5550		744		12300		22000	
Selenium	63	0.668		1.88		1.02		1.88		0.705		0.924		1.99		1.08		1.53		1.28	
Silver	110	ND		1.20		ND		ND		ND		ND		ND		0.750		ND		ND	
Sodium	NLE	131		518		249		342		133		106		544		253		733		419	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	15.5		14.6		31.5		25.0		41.3		15.5		47.6		19.9		92.2		67	
Zinc	1500	61.1		39.3		61.3		42.7		106		23.1		74.4		21.1		88.6		115	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4041.14 B150 (6-12") 11/9/1998	4041.15 B150 (24") 11/9/1998	4041.16 B151 (6-12") 11/9/1998	4041.17 B151 (24") 11/9/1998	4041.18 B152 (6-12") 11/9/1998	4041.19 B152 (24") 11/9/1998	4041.20 B153 (6-12") 11/9/1998	4041.21 B153 (24") 11/9/1998	4041.22 B154 (6-12") 11/9/1998	4041.23 B154 (24") 11/9/1998	4041.24 B155 (6-12") 11/9/1998	4041.25 B155 (24") 11/9/1998	4041.26 B156 (6-12") 11/9/1998	4041.27 B156 (24") 11/9/1998	4041.28 B157 (6-12") 11/9/1998	4041.29 B157 (24") 11/9/1998	4041.30 B158 (6-12") 11/9/1998	4041.31 B158 (24") 11/9/1998	4046.02 B159 (6-12") 11/10/1998	4046.03 B159 (24") 11/10/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		1.1		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		1.2		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		0.35 J		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		0.37 J		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		0.42 J		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		0.25 J		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		0.24 J		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		0.28 J		ND		ND		ND		ND		0.19 J		0.19 J	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		0.17 J		0.24 J		ND		ND		ND	
Phenanthrene	NLE	0.24 J		0.14 J		ND		0.18 J		ND		2.1		3.7		ND		0.5 J		0.51 J	
Anthracene	10000	ND		ND		ND		ND		ND		0.41 J		0.72 J		ND		0.15 J		0.14 J	
Di-n-butylphthalate	5700	0.23 J		0.21 J		0.67 J		0.23 J		2		0.67 J		0.2 J		0.53 J		0.87 J		0.26 J	
Fluoranthene	2300	0.90 J		ND		ND		0.49 J		0.15 J		2.2		6.0		ND		1.4		1.1	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	1.0 J		ND		ND		0.57 J		0.16 J		1.5		4.2		ND		2.1		1.0 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	0.78 J		ND		ND		0.45 J		ND		0.87 J		2.4		ND		0.9 J		0.68 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	1.6		ND		ND		0.81 J		ND		1.3		3.8		ND		1.7		1.1	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	0.95 J		ND		ND		0.59 J		ND		0.57 J		1.7		ND		1.1		0.58 J	
Benzo(k)fluoranthene	0.9	0.77 J		ND		ND		0.52 J		ND		0.59 J		1.5		ND		1.3		0.67 J	
Benzo(a)pyrene	0.66	0.87 J		ND		ND		0.62 J		ND		0.63 J		1.8		ND		1.2		0.69 J	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		ND		0.51 J		ND		0.34 J		0.74 J		ND		ND		0.49 J	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		0.23 J		ND		ND		0.35 J		ND		ND		0.2 J	
Benzo(g,h,I)perylene	NLE	ND		ND		ND		0.55 J		ND		ND		0.66 J		ND		ND		0.57 J	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	0.003		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		0.004		ND		ND		ND		ND	
4,4'-DDE	2	0.415		0.003		0.007		0.03		0.051		0.152		0.098		0.014		0.023		0.145	
Dieldrin	0.042	0.010		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.060		0.014		0.018		0.035		0.058		0.056		0.116		0.024		0.052		0.369	
4,4'-DDT	2	0.213		ND		0.013		0.122		0.127		0.083		0.059		0.012		0.063		0.204	
gamma-Chlordane	NLE	0.008		ND		ND		ND		0.003		ND		ND		ND		0.003		ND	
alpha-Chlordane	NLE	0.011		ND		ND		ND		0.003		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	5670		1760		5380		10500		11300		17200		5270		2740		6910		16800	
Antimony	14	0.388		0.551		0.689		ND		1.01		0.559		ND		0.473		ND		ND	
Arsenic	20	8.15		5.08		4.45		19.4		34.2		19.6		5.90		5.39		8.85		24.3	
Barium	700	68.3		54.4		63.2		83.4		176		57.9		35.2		46.9		43.0		70.2	
Beryllium	2	0.395		0.25		0.476		1.03		1.55		2.56		0.383		0.456		0.583		1.55	
Cadmium	39	1.71		0.259		0.610		0.678		1.32		0.828		0.450		0.198		1.01		0.481	
Calcium	NLE	1650		443		1470		1480		3150		5180		21200		752		4070		540	
Chromium	NLE	41.3		4.10		25.3		105		69.8		193		30.3		8.43		42.5		144	
Cobalt	NLE	3.79		1.79		2.35		2.18		14.8		4.85		1.39		1.70		5.98		2.8	
Copper	600	28.6		14.6		28.6		25.9		193		24.3		19.7		37.3		38.2		55.6	
Iron	NLE	10200		1780		8990		51800		35900		63400		10500		5310		22700		60500	
Lead	400	264		7.52		5.48		84.6		162		133		31.5		87.6		261		93.2	
Magnesium	NLE	1410		123		1300		3370		1980		8180		1990		187		3230		5700	
Manganese	NLE	37.3		7.78		17.3		33.6		173		80.9		55.8		6.73		122		27.6	
Mercury	14	18.3		0.509		0.077		0.101		0.61		0.213		0.070		0.086		0.062		0.073	
Nickel	250	10.2		6.04		6.16		7.80		25.2		12.0		4.93		6.93		12.0		11.9	
Potassium	NLE	1480		213		2120		7190		5070		18700		2230		390		34.7		13300	
Selenium	63	0.838		2.22		0.438		1.44		2.23		1.23		0.59		0.833		0.552		1.25	
Silver	110	2.10		ND		ND		ND		1.93		ND		ND		ND		ND		ND	
Sodium	NLE	213		114		189		567		265		175		106		109		278		413	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	21.9		9.96		14.4		61.9		49.7		55.1		22.5		14.6		55.1		90.7	
Zinc	1500	162		19.1		98.0		75.3		557		141		45.4		38.4		112		81.6	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4046.04 B160 (6-12") 11/10/1998	4046.05 B160 (24") 11/10/1998	4046.06 B161 (6-12") 11/10/1998	4046.07 B161 (24") 11/10/1998	4046.08 B162 (6-12") 11/10/1998	4046.09 B162 (24") 11/10/1998	4046.10 B163 (6-12") 11/10/1998	4046.11 B163 (24") 11/10/1998	4046.12 B164 (6-12") 11/10/1998	4046.13 B164 (24") 11/10/1998	4046.14 B165 (6-12") 11/10/1998	4046.15 B165 (24") 11/10/1998	4046.16 B166 (6-12") 11/10/1998	4046.17 B166 (24") 11/10/1998	4046.18 B167 (6-12") 11/10/1998	4046.19 B167 (24") 11/10/1998	4046.20 B168 (6-12") 11/10/1998	4046.21 B168 (24") 11/10/1998	4046.22 B169 (6-12") 11/10/1998	4046.23 B169 (24") 11/10/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		1.4 J		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		0.28		ND		ND		ND		ND
Toluene	1000		0.65		ND		ND		ND		ND		0.56		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		ND		ND		ND		ND		ND		0.27 J		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.61 J		0.33 J		0.47 J		ND		ND		0.16 J		0.6 J		1.8		0.55 J		ND	
Fluoranthene	2300	ND		ND		ND		ND		ND		ND		0.7 J		0.36 J		ND		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		ND		ND		ND		ND		ND		0.66 J		0.37 J		ND		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		ND		ND		ND		ND		ND		0.44 J		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		ND		ND		ND		ND		ND		0.76 J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		2.6		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		ND		ND		ND		ND		ND		0.41 J		ND		ND		ND	
Benzo(k)fluoranthene	0.9	ND		ND		ND		ND		ND		ND		0.41 J		ND		ND		ND	
Benzo(a)pyrene	0.66	ND		ND		ND		ND		ND		ND		0.37 J		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		0.012		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	ND		0.178		0.093		0.348		0.017		0.021		0.02		0.026		0.005		0.01	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	0.36		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.042		0.456		0.044		0.076		0.019		0.039		0.071		0.191		ND		ND	
4,4'-DDT	2	0.106		0.423		0.053		0.487		0.014		0.018		0.053		0.044		ND		ND	
gamma-Chlordane	NLE	ND		0.019		ND		0.030		ND		ND		ND		0.010		ND		ND	
alpha-Chlordane	NLE	ND		0.037		0.010		0.037		ND		ND		ND		0.014		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	7770		18200		7790		6620		10800		9470		12700		33200		17700		11600	
Antimony	14	4.37		0.381		1.59		ND		ND		ND		ND		11.4		ND		ND	
Arsenic	20	26.0		16.3		63.3		9.71		27.9		13.8		16		81.6		13.1		10.5	
Barium	700	849		111		124		42.3		44.6		59.1		48.8		164		38.5		41.8	
Beryllium	2	0.619		1.28		0.73		0.721		0.72		0.732		1.39		2.12		3.04		1.29	
Cadmium	39	31.5		0.693		0.41		0.411		0.402		0.461		0.274		0.449		0.28		0.215	
Calcium	NLE	7000		8230		590		1260		1670		2100		1040		435		247		930	
Chromium	NLE	367		159		47.7		56.4		85.3		78.5		122		231		197		98.7	
Cobalt	NLE	18.1		3.27		2.14		2.01		1.42		1.45		2.15		5.25		3.25		2.40	
Copper	600	495		31.8		88.1		20.6		14.0		120		26.0		32.6		3.00		51.9	
Iron	NLE	34100		31600		13800		20400		28400		17200		39100		77200		64900		32400	
Lead	400	2580		480		238		47.4		24.1		61.4		62.9		2550		4.78		11.2	
Magnesium	NLE	2880		4390		1260		1820		2610		2250		4400		8330		8920		3660	
Manganese	NLE	ND		69.1		20.9		40.9		43.2		41.3		31.8		41.5		30.8		68.6	
Mercury	14	0.115		0.605		0.114		0.063		0.033		0.369		0.062		0.421		0.025		0.035	
Nickel	250	44.2		14.0		7.52		5.88		3.99		5.02		6.26		14.9		7.92		7.46	
Potassium	NLE	1360		7320		2950		4450		5150		3150		8840		16500		20300		5850	
Selenium	63	13.4		1.03		8.52		0.903		0.924		0.775		1.02		3.26		0.941		1.08	
Silver	110	ND		ND		1.27		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	473		354		222		111		217		91.2		314		351		163		85.5	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	45.6		102		32.1		34.2		43.0		33.2		68.1		162		59.7		41.1	
Zinc	1500	31900		269		67.4		100		83.7		231		74.7		134		97.9		57.7	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4046.24 B170 (6-12") 11/10/1998	4046.25 B170 (24") 11/10/1998	4046.26 B171 (6-12") 11/10/1998	4046.27 B171 (24") 11/10/1998	4046.28 B172 (6-12") 11/10/1998	4046.29 B172 (24") 11/10/1998	4046.30 B173 (6-12") 11/10/1998	4046.31 B173 (24") 11/10/1998	4058.02 B175 (6-12") 11/16/1998	4058.03 B175 (24") 11/16/1998	4058.04 B176 (6-12") 11/16/1998	4058.05 B176 (24") 11/16/1998	4058.06 B177 (6-12") 11/16/1998	4058.07 B177 (24") 11/16/1998	4058.08 B178 (6-12") 11/16/1998	4058.09 B178 (24") 11/16/1998	4058.10 B179 (6-12") 11/16/1998	4058.11 B179 (24") 11/16/1998	4058.12 B180 (6-12") 11/16/1998	4058.13 B180 (24") 11/16/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		0.76		0.44		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		0.32		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		38 D		0.70		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		0.32 J		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		0.36 J		ND		0.37 J		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		0.23 J		ND		ND		ND		ND		ND		ND		ND		ND	
Anthracene	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	ND		0.45 J		0.39		ND		0.56 J		0.28 J		ND		ND		12		0.23 J	
Fluoranthene	2300	ND		0.93 J		ND		0.41 J		ND		ND		ND		ND		0.39 J		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		1.0		ND		0.42 J		ND		ND		ND		ND		0.41 J		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		0.58 J		ND		0.31 J		ND		ND		ND		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.96 J		ND		0.53 J		ND		ND		ND		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		0.81 J		ND		0.29 J		ND		ND		ND		ND		ND		ND	
Benzo(k)fluoranthene	0.9	ND		0.58 J		ND		0.26 J		ND		ND		ND		ND		ND		ND	
Benzo(a)pyrene	0.66	ND		0.74 J		ND		0.31 J		ND		ND		ND		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		0.34 J		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		0.35 J		ND		ND		ND		ND		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		0.144		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.083		0.04		0.136		0.039		0.132		0.006		0.012		0.009		0.082		0.134	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.029		0.092		0.063		0.092		0.183		ND		0.102		0.069		0.103		0.072	
4,4'-DDT	2	0.061		0.048		0.123		0.024		0.471		ND		ND		0.014		0.156		0.158	
gamma-Chlordane	NLE	ND		ND		ND		ND		0.007		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		0.012		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	11000		6310		11100		15800		8880		10100		2240		5820		7980		9090	
Antimony	14	ND		0.448		ND		1.11		0.540		ND		0.357		0.450		ND		ND	
Arsenic	20	15.9		7.35		15.3		25.2		8.45		9.40		7.22		8.76		12.4		11.5	
Barium	700	34.5		55.8		59.9		83.5		73.1		41.5		44.5		68.7		33.4		33.2	
Beryllium	2	1.03		0.631		1.20		1.59		1.32		1.13		0.403		0.437		0.886		1.21	
Cadmium	39	0.286		0.447		0.370		0.653		0.329		0.326		0.402		0.171		0.604		0.27	
Calcium	NLE	1630		2080		1590		445		405		1000		840		672		947		693	
Chromium	NLE	105		64.6		113		145		109		83.1		5.51		9.02		90.4		90.1	
Cobalt	NLE	1.53		2.35		1.97		2.53		1.27		1.72		2.32		2.33		2.32		1.99	
Copper	600	32.7		40.3		11.6		25.1		2.92		4.95		12.4		18.3		22.4		7.85	
Iron	NLE	26100		17900		43400		67000		32000		28100		4040		6170		24400		34000	
Lead	400	29.6		109		32.5		191		54.5		13.1		7.34		14.5		73		21.2	
Magnesium	NLE	3290		2110		4400		5800		3760		3000		138		263		2860		3180	
Manganese	NLE	45.7		34.2		47.3		23.2		17.6		53.4		6.5		9.75		83.0		38.8	
Mercury	14	0.083		0.087		0.060		0.075		0.026		0.030		0.026		0.025		0.033		0.076	
Nickel	250	4.60		6.74		6.46		8.62		3.87		6.63		7.16		7.05		5.36		8.19	
Potassium	NLE	5260		3110		8580		14400		6720		4560		333		786		46.5		5950	
Selenium	63	1.00		0.708		1.12		1.92		0.613		0.789		1.00		0.868		1.05		0.775	
Silver	110	ND		ND		ND		ND		ND		ND		ND		15.0		ND		ND	
Sodium	NLE	348		338		315		492		265		203		146		248		264		200	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	48.6		42.5		56.7		94.9		29.4		34.5		10.1		14.6		45.7		46.0	
Zinc	1500	75.6		143		71.8		80.9		66.7		68.6		77.0		23.3		90.9		68.2	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4058.14 B181 (6-12") 11/16/1998	4058.15 B181 (24") 11/16/1998	4058.16 B182 (6-12") 11/16/1998	4058.17 B182 (24") 11/16/1998	4058.18 B183 (6-12") 11/16/1998	4058.19 B183 (24") 11/16/1998	4058.20 B184 (6-12") 11/16/1998	4058.21 B184 (24") 11/16/1998	4058.22 B185 (6-12") 11/16/1998	4058.23 B185 (24") 11/16/1998	4058.24 B186 (6-12") 11/16/1998	4058.25 B186 (24") 11/16/1998	4058.26 B187 (6-12") 11/16/1998	4058.27 B187 (24") 11/16/1998	4058.28 B188 (6-12") 11/16/1998	4058.29 B188 (24") 11/16/1998	4058.30 B189 (6-12") 11/16/1998	4058.31 B189 (24") 11/16/1998	4067.02 B190 (6-12") 11/17/1998	4067.03 B190 (24") 11/17/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Toluene	1000		ND		ND		ND		0.58		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		0.71		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		0.73 J		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		4.4		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Phenanthrene	NLE	ND		1.7		ND		0.21 J		0.30 J		0.22 J		0.47 J		ND		ND		ND	
Anthracene	10000	ND		0.35 J		ND		ND		0.30 J		ND		ND		ND		ND		ND	
Di-n-butylphthalate	5700	0.65 J		0.7 J		1.1 J		1.3		0.23 J		1.5		0.69 J		1.5		0.34 J		0.63 J	
Fluoranthene	2300	0.19 J		3.2		ND		ND		0.30 J		0.62 J		0.51 J		ND		0.27 J		ND	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	0.22 J		1.6		ND		ND		0.34 J		0.65 J		0.48 J		ND		0.30 J		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		0.75 J		ND		ND		ND		0.46 J		0.19 J		ND		0.17 J		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		1.2		ND		ND		ND		0.74 J		0.38 J		ND		0.28 J		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		ND		ND		ND		0.17 J		ND		ND		ND		0.14 J	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		0.34 J		ND		ND		ND		0.46 J		0.17 J		ND		0.15 J		ND	
Benzo(k)fluoranthene	0.9	ND		0.36 J		ND		ND		ND		0.54 J		0.20 J		ND		0.20 J		ND	
Benzo(a)pyrene	0.66	ND		0.34 J		ND		ND		ND		0.57 J		0.15 J		ND		0.20 J		ND	
Indeno(1,2,3-cd)pyrene	0.9	ND		ND		ND		ND		ND		0.40 J		ND		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		ND		ND		0.29 J		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		ND		ND		ND		ND		0.35 J		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		0.007		ND		ND		ND		ND		ND		ND	
4,4'-DDE	2	0.078		0.554		0.009		0.034		0.094		0.027		0.321		0.073		0.031		0.024	
Dieldrin	0.042	ND		0.016		ND		0.042		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.108		0.506		0.010		0.104		0.085		0.033		0.070		0.040		0.042		0.007	
4,4'-DDT	2	0.112		0.677		ND		0.03		0.052		0.049		0.172		0.092		0.121		0.013	
gamma-Chlordane	NLE	ND		0.044		ND		ND		ND		ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		0.043		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	9020		4960		15700		3090		14900		11900		16900		9290		10400		14000	
Antimony	14	ND		0.353		ND		0.622		ND		ND		ND		ND		ND		ND	
Arsenic	20	11.9		4.35		13.0		5.88		12.7		12.8		13.7		6.44		10.7		13.4	
Barium	700	44.2		88.5		42.5		78.0		49.5		34.2		51.0		42.2		46.4		27.1	
Beryllium	2	0.933		0.277		1.81		0.504		1.65		1.25		1.84		1.32		1.06		1.59	
Cadmium	39	0.266		0.779		0.248		0.281		0.221		0.145		0.327		0.204		0.221		0.117	
Calcium	NLE	300		3400		1440		973		1500		726		1640		263		1200		896	
Chromium	NLE	99.1		24.7		148		16.1		131		129		140		107		114		145	
Cobalt	NLE	1.51		2.61		2.46		3.28		2.22		1.44		2.80		0.858		1.18		1.85	
Copper	600	16.4		155		3.95		44.7		9.74		4.78		8.74		1.94		6.94		4.92	
Iron	NLE	36100		12100		45900		4320		40700		33800		49500		29600		27100		41600	
Lead	400	52.6		97.5		8.27		59.9		21.2		5.6		23.1		3.01		16.2		9.83	
Magnesium	NLE	3260		1340		6040		388		5420		4070		5700		3710		3610		5310	
Manganese	NLE	20.4		53.2		65.9		16.0		57.5		32.7		100		21.1		24.2		39.2	
Mercury	14	0.155		0.103		0.026		0.750		0.066		0.058		0.027		ND		0.034		ND	
Nickel	250	5.48		6.75		6.99		9.84		7.61		4.84		9.96		3.02		5.47		5.30	
Potassium	NLE	6280		1490		13600		823		11300		7460		11500		6290		6100		11400	
Selenium	63	1.05		0.584		1.25		1.33		0.978		0.933		0.965		0.570		1.14		0.913	
Silver	110	ND		0.715		ND		ND		ND		ND		ND		ND		ND		ND	
Sodium	NLE	190		198		240		135		185		104		203		110		103		134	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	48.3		19.1		62.3		17.0		67.2		39.3		72.3		28.4		40.9		51.2	
Zinc	1500	56.6		183		61.5		21.7		73.2		48.2		77.4		71.5		47.9		52.3	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4067.04 B191 (6-12") 11/17/1998	4067.05 B191 (24") 11/17/1998	4067.06 B192 (6-12") 11/17/1998	4067.07 B192 (24") 11/17/1998	4067.08 B193 (6-12") 11/17/1998	4067.09 B193 (24") 11/17/1998	4067.10 B194 (6-12") 11/17/1998	4067.11 B194 (24") 11/17/1998	4067.12 B195 (6-12") 11/17/1998	4067.13 B195 (24") 11/17/1998	4067.14 B196 (6-12") 11/17/1998	4067.15 B196 (24") 11/17/1998	4067.16 B197 (6-12") 11/17/1998	4067.17 B197 (24") 11/17/1998	4067.18 B198 (6-12") 11/17/1998	4067.19 B198 (24") 11/17/1998	4067.20 B199 (6-12") 11/17/1998	4067.21 B199 (24") 11/17/1998	4067.22 B200 (6-12") 11/17/1998	4067.23 B200 (24") 11/17/1998
Volatiles (mg/kg)																					
Acrylonitrile	3		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Benzene	3		ND		ND		ND		ND		ND		ND		0.31		ND		ND		ND
Toluene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND		ND		0.45		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
m+p-Xylenes	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
o-Xylene	410		ND		ND		ND		ND		ND		ND		ND		ND		ND		ND
Semi-Volatiles (mg/kg)																					
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Naphthalene	230	ND		ND		ND		0.22 J		0.21 J		0.57 J		0.53 J		ND		ND		ND	
2-Methylnaphthalene	NLE	ND		ND		ND		ND		0.14 J		0.40 J		0.52 J		ND		ND		ND	
Acenaphthylene	NLE	ND		ND		ND		0.34 J		0.24 J		0.26 J		0.30 J		ND		ND		ND	
Acenaphthene	3400	ND		ND		ND		ND		0.14 J		0.6 J		2.0		ND		ND		ND	
Dibenzofuran	NLE	ND		ND		ND		ND		ND		0.52 J		1.3		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Fluorene	2300	ND		ND		ND		ND		0.18 J		0.91 J		2.7		ND		ND		ND	
Phenanthrene	NLE	ND		0.20 J		0.49 J		1.3		2.0		3.3		9.6		0.29 J		0.46 J		0.61 J	
Anthracene	10000	ND		ND		0.27 J		0.39 J		0.7 J		1.3		4.3		0.28 J		ND		0.16 J	
Di-n-butylphthalate	5700	0.63 J		1.2		0.83 J		0.4 J		0.24 J		0.16 J		ND		0.43 J		5.6		0.81 J	
Fluoranthene	2300	ND		ND		0.79 J		2.5		3.9		4.0		12		0.46 J		0.37 J		0.54 J	
Benzidine	NLE	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Pyrene	1700	ND		0.42 J		0.82 J		2.6		3.8		4.1		ND		0.40 J		0.52 J		0.43 J	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	ND		0.22 J		0.42 J		1.5		2.6		2.6		10		0.18 J		0.17 J		0.20 J	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Chrysene	9	ND		0.37 J		1.1 J		2.3		3.2		2.9		12		0.32 J		0.37 J		0.29 J	
bis(2-Ethylhexyl)phthalate	49	0.13 J		0.21 J		0.14 J		ND		ND		ND		ND		1.1		0.18 J		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	ND		0.25 J		0.69 J		1.3		2.5		2.3		10		ND		ND		ND	
Benzo(k)fluoranthene	0.9	ND		0.24 J		0.57 J		1.6		1.9		1.6		3.1		0.19 J		0.15 J		0.16 J	
Benzo(a)pyrene	0.66	ND		0.26 J		0.4 J		1.8		2.6		2.5		8.6		0.14 J		0.11 J		0.16 J	
Indeno(1,2,3-cd)pyrene	0.9	ND		0.15 J		0.23 J		0.82 J		1.2		1.1		4.5		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	ND		ND		ND		0.43 J		0.54 J		0.55 J		3.0		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	ND		0.12 J		0.18 J		0.66 J		0.86 J		0.87 J		3.0		ND		ND		ND	
Pesticides/PCBs (mg/kg)																					
gamma-BHC	0.52	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND		0.016		ND		ND		ND		ND	
4,4'-DDE	2	0.273		0.121		0.347		0.041		0.026		0.071		0.024		0.066		0.141		ND	
Dieldrin	0.042	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
4,4'-DDD	3	0.074		0.088		0.116		0.095		0.103		0.542		0.183		0.067		0.077		ND	
4,4'-DDT	2	0.054		0.155		0.056		0.119		0.030		0.125		0.052		0.044		0.155		ND	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND		0.028		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		0.013		ND		ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Metals (mg/kg)																					
Aluminum	NLE	10700		11100		10100		10300		3700		8200		11200		14600		9150		8050	
Antimony	14	ND		ND		ND		ND		0.617		ND		ND		ND		ND		ND	
Arsenic	20	9.76		12.0		13.0		8.59		15.8		10.3		9.31		16.3		10.6		5.61	
Barium	700	37.9		37.2		25.9		59.1		131		44.6		71.5		50.0		31.7		53.5	
Beryllium	2	1.21		1.22		1.35		1.40		0.706		1.14		1.53		1.60		1.09		1.10	
Cadmium	39	0.202		0.651		0.343		0.706		0.416		0.450		0.327		0.441		0.354		0.333	
Calcium	NLE	1500		1810		1000		3220		1870		3310		16400		1850		434		781	
Chromium	NLE	92.2		117		114		126		14.8		88.5		68.3		140		89.5		99.3	
Cobalt	NLE	1.90		3.22		1.8		1.1		3.29		3.22		3.06		2.38		1.54		0.822	
Copper	600	7.83		25.9		10.7		2.94		34.4		29.9		26.2		10.7		8.63		1.84	
Iron	NLE	29400		34600		40100		35200		8750		24900		19900		41600		29300		25900	
Lead	400	24.5		50.0		34.3		7.50		16.8		34.8		35.5		25.6		20.1		3.07	
Magnesium	NLE	3490		4040		3510		5310		644		3500		5790		5450		2960		3280	
Manganese	NLE	60		130		37.1		42.0		23.6		48.2		155		58.6		36.1		29.3	
Mercury	14	0.049		0.050		0.059		0.022		0.362		0.065		0.04		0.065		0.055		ND	
Nickel	250	7.16		7.36		6.58		4.12		8.62		7.93		7.83		7.62		5.31		2.77	
Potassium	NLE	5880		7350		6420		8110		1090		6150		5260		11700		5460		5290	
Selenium	63	0.825		0.799		1.09		0.616		1.19		1.14		0.797		1.24		0.959		0.505	
Silver	110	ND		ND		ND		ND		ND		1.20		ND		ND		ND		ND	
Sodium	NLE	133		177		162		113		181		142		392		198		173		116	
Thallium	2	ND		ND		ND		ND		ND		ND		ND		ND		ND		ND	
Vanadium	370	43.1		60.1		55.1		37.3		18.9		30.8		30.1		61.5		39.1		29.5	
Zinc	1500	60.3		85.9		66.8		74.1		49.5		98.5		81.2		75.5		54.9		38.5	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-1
Soil Sampling Results
Fort Monmouth, New Jersey
M-3 Landfill Site
September 1998 - November 1998

Lab Sample ID Field Sample Location Sample Date	NJDEP Cleanup Criteria (mg/kg)	4067.24 B201 (6-12") 11/17/1998	4067.25 B201 (24") 11/17/1998	4067.26 B202 (6-12") 11/17/1998	4067.27 B202 (24") 11/17/1998	4067.28 B203 (6-12") 11/17/1998	4067.29 B203 (24") 11/17/1998	4067.30 B204 (6-12") 11/17/1998	4067.31 B204 (24") 11/17/1998	4068.02 B205 (6-12") 11/18/1998	4068.03 B205 (24") 11/18/1999
Volatiles (mg/kg)											
Acrylonitrile	3		ND		ND		ND		ND		ND
Acetone	1000		ND		ND		ND		ND		ND
Carbon Disulfide	NLE		ND		ND		ND		ND		ND
Methylene Chloride	49		ND		ND		ND		ND		ND
2-Butonone	1000		ND		ND		ND		ND		ND
Benzene	3		ND		ND		0.29		0.75		ND
Toluene	1000		ND		ND		ND		ND		ND
Tetrachloroethene	4		ND		ND		ND		ND		ND
Chlorobenzene	37		ND		ND		ND		ND		ND
Ethylbenzene	1000		ND		ND		ND		0.55 J		ND
m+p-Xylenes	410		ND		ND		ND		1.6		ND
o-Xylene	410		ND		ND		ND		1.1		ND
Semi-Volatiles (mg/kg)											
1,4-Dichlorobenzene	570	ND		ND		ND		ND		ND	
Benzyl alcohol	10000	ND		ND		ND		ND		ND	
2-Methylphenol	2800	ND		ND		ND		ND		ND	
Nitrobenzene	28	ND		ND		ND		ND		ND	
Benzoic Acid	NLE	ND		ND		ND		ND		ND	
Naphthalene	230	1.8		ND		ND		ND		ND	
2-Methylnaphthalene	NLE	1.6		ND		ND		ND		ND	
Acenaphthylene	NLE	0.66 J		ND		ND		ND		ND	
Acenaphthene	3400	4.1		ND		ND		ND		ND	
Dibenzofuran	NLE	3.5		ND		ND		ND		ND	
4-Nitrophenol	NLE	ND		ND		ND		ND		ND	
Diethylphthalate	10000	ND		ND		ND		ND		ND	
Fluorene	2300	5.1		ND		ND		ND		ND	
Phenanthrene	NLE	43 D		0.37 J		ND		ND		ND	
Anthracene	10000	7.5		ND		ND		ND		ND	
Di-n-butylphthalate	5700	ND		0.42 J		1.0 J		1.2		ND	
Fluoranthene	2300	0.41 J		0.83 J		ND		ND		ND	
Benzidine	NLE	ND		ND		ND		ND		ND	
Pyrene	1700	40 D		0.76 J		ND		ND		ND	
Butylbenzylphthalate	1100	ND		ND		ND		ND		ND	
Benzo(a)anthracene	0.9	20 JD		0.39 J		ND		ND		ND	
3,3'-Dichlorobenzidine	2	ND		ND		ND		ND		ND	
Chrysene	9	28 D		0.62 J		ND		ND		ND	
bis(2-Ethylhexyl)phthalate	49	ND		ND		0.16 J		ND		ND	
Di-n-octylphthalate	1100	ND		ND		ND		ND		ND	
Benzo(b)fluoranthene	0.9	14 JD		ND		ND		ND		ND	
Benzo(k)fluoranthene	0.9	3.7		0.39 J		ND		ND		ND	
Benzo(a)pyrene	0.66	12.8		0.41 J		ND		ND		ND	
Indeno(1,2,3-cd)pyrene	0.9	6.2		0.14 J		ND		ND		ND	
Dibenz(a,h)anthracene	0.66	3.1		ND		ND		ND		ND	
Benzo(g,h,I)perylene	NLE	4.2		ND		ND		ND		ND	
Pesticides/PCBs (mg/kg)											
gamma-BHC	0.52	ND		ND		ND		ND		ND	
Heptachlor	0.15	ND		ND		ND		ND		ND	
Heptachlor Epoxide	NLE	ND		ND		ND		ND		ND	
4,4'-DDE	2	0.039		0.045		0.316		0.045		0.103	
Dieldrin	0.042	ND		ND		ND		ND		ND	
Endrin	17	ND		ND		ND		ND		ND	
4,4'-DDD	3	0.474		0.084		0.073		0.012		0.026	
4,4'-DDT	2	0.132		0.096		0.578		0.052		0.041	
gamma-Chlordane	NLE	ND		ND		ND		ND		ND	
alpha-Chlordane	NLE	ND		ND		ND		ND		ND	
Arochlor 1016	0.49	ND		ND		ND		ND		ND	
Arochlor 1242	0.49	ND		ND		ND		ND		ND	
Arochlor 1260	0.49	ND		ND		ND		ND		ND	
Metals (mg/kg)											
Aluminum	NLE	10400		11800		10500		8240		13100	
Antimony	14	ND		ND		ND		ND		ND	
Arsenic	20	7.15		11.3		9.51		21.2		17.9	
Barium	700	69.2		36.5		28.0		27.0		31.7	
Beryllium	2	1.36		1.29		1.11		0.874		1.48	
Cadmium	39	0.306		0.241		0.175		0.467		0.589	
Calcium	NLE	19300		990		516		1380		1290	
Chromium	NLE	49.4		102		112		77.4		128	
Cobalt	NLE	2.3		2.08		1.23		1.58		2.21	
Copper	600	14.3		4.00		4.90		5.73		6.40	
Iron	NLE	16000		33600		28800		23200		39200	
Lead	400	27.2		10.4		6.44		20.2		17.8	
Magnesium	NLE	7830		4000		3660		3090		5030	
Manganese	NLE	234		53.4		33.9		40.6		35.5	
Mercury	14	0.054		0.044		0.042		0.026		0.077	
Nickel	250	4.58		6.06		4.41		4.65		6.26	
Potassium	NLE	4480		7110		7060		4670		9700	
Selenium	63	0.704		0.802		1.27		0.819		0.753	
Silver	110	ND		ND		ND		ND		ND	
Sodium	NLE	409		119		128		164		111	
Thallium	2	ND		ND		ND		ND		ND	
Vanadium	370	25.2		43.9		39.1		42.3		64.2	
Zinc	1500	70.5		48.6		41.2		43.6		57.8	

NOTES:
ND = Not Detected
NLE = No Limit Established
J = Estimated Value: Mass spectrometer and retention time data indicate the presence of the analyte, however the result is less than the method detection limit, but greater than zero.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
VOCs - 2 Borings	
B162	
	Acrylonitrile
B170	
	Chlorobenzene
SVOCs - 32 Borings	
B8	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B11	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B18	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B24	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B40	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B43	
	Benzo(a)anthracene
	Benzo(a)pyrene
B53	

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B61	
	Benzo(a)pyrene
B71	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B86	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B87	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B88	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B89	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B90	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
B92	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B110	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene

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Table 4-2
Borings in Which Detections Exceeded Criteria
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B114	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B116	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B120	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B121	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B137	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B140	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B150	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
B156	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene

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VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
B158	
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B159	
	Benzo(a)pyrene
B171	
	Benzo(a)pyrene
B194	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
B195	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B196	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Indeno(1,2,3-cd)pyrene
B197	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(b)fluoranthene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
B201	
	Benzo(a)anthracene
	Benzo(a)pyrene
	Benzo(k)fluoranthene
	Chrysene
	Dibenz(a,h)anthracene
	Indeno(1,2,3-cd)pyrene
Pest/PCBs - 9 Borings	
B10	
	4,4'-DDT
B14	
	4,4'-DDT

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
B26	
	4,4'-DDT
B81	
	Arochlor 1260
	Dieldrin
B87	
	Arochlor 1260
B92	
	4,4'-DDT
	Arochlor 1260
B93	
	4,4'-DDT
	Arochlor 1260
B111	
	Dieldrin
B134	
	4,4'-DDE
	4,4'-DDT
Metals - 54 Borings	
B6	
	Arsenic
B17	
	Lead
B29	
	Arsenic
B30	
	Arsenic
	Lead
B31	
	Arsenic
B32	
	Arsenic
B39	
	Beryllium
B46	
	Arsenic
B49	
	Lead
B50	
	Arsenic
B52	
	Beryllium
B54	
	Lead
B55	

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Arsenic
B57	
	Arsenic
B61	
	Arsenic
	Copper
B70	
	Arsenic
B77	
	Beryllium
B78	
	Arsenic
B79	
	Arsenic
B81	
	Arsenic
B84	
	Beryllium
B86	
	Arsenic
B87	
	Arsenic
B90	
	Cadmium
B91	
	Arsenic
B93	
	Arsenic
B96	
	Beryllium
B99	
	Beryllium
B102	
	Beryllium
B107	
	Lead
	Mercury
B111	
	Lead
B112	
	Beryllium
B114	
	Arsenic
	Beryllium
	Lead
B119	

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VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Mercury
B125	
	Arsenic
B129	
	Arsenic
	Beryllium
B130	
	Arsenic
B132	
	Arsenic
B136	
	Beryllium
B144	
	Beryllium
B148	
	Arsenic
B149	
	Beryllium
B150	
	Mercury
B154	
	Arsenic
B155	
	Beryllium
B159	
	Arsenic
B160	
	Arsenic
	Barium
	Lead
	Zinc
B161	
	Lead
B162	
	Arsenic
B164	
	Arsenic
B167	
	Arsenic
	Beryllium
	Lead
B168	
	Beryllium
B173	
	Arsenic
B204	

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.

Table 4-2
Borings in Which Detections Exceeded Criteria
M-3 Landfill
Fort Monmouth, New Jersey

Boring ID	Analyte
	Arsenic

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Table 4-3
Laboratory Analysis Exceedance Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	RDCSC	Units	Number of Exceedances	Minimum Exceedance	Boring ID (Min)	Maximum Exceedance	Boring ID (Max)	Average Exceedance
VOCs								
Acrylonitrile	1	mg/kg	1	1.4	B162	1.4	B162	1.40
Chlorobenzene	37	mg/kg	1	38	B170	38	B170	38.00
SVOCs								
Benzo(a)anthracene	0.9	mg/kg	24	0.99	B71	160	B40	10.87
Benzo(a)pyrene	0.66	mg/kg	32	0.69	B159	240	B40	11.10
Benzo(b)fluoranthene	0.9	mg/kg	27	0.95	B150	260	B40	13.90
Benzo(k)fluoranthene	0.9	mg/kg	26	1.1	B89	130	B40	7.48
Chrysene	9	mg/kg	5	12	B197	310	B40	81.40
Dibenz(a,h)anthracene	0.66	mg/kg	8	0.8	B24	55	B40	9.33
Indeno(1,2,3-cd)pyrene	0.9	mg/kg	17	0.95	B121, B137	150	B40	11.33
Pest/PCBs								
4,4'-DDE	2	mg/kg	1	6.677	B134	6.677	B134	6.68
4,4'-DDT	2	mg/kg	6	3.4	B93	10.216	B134	5.67
Arochlor 1260	0.49	mg/kg	4	1.479	B81	23.639	B92	7.39
Dieldrin	0.042	mg/kg	2	0.06	B81	0.063	B111	0.06
Metals								
Arsenic	20	mg/kg	32	20.2	B30	551	B31	47.23
Barium	700	mg/kg	1	849	B160	849	B160	849.00
Beryllium	2	mg/kg	16	2.01	B96	3.18	B114, B136	2.46
Cadmium	39	mg/kg	1	1140	B90	1140	B90	1140.00
Copper	600	mg/kg	1	927	B61	927	B61	927.00

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-3
Laboratory Analysis Exceedance Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	RDCSC	Units	Number of Exceedances	Minimum Exceedance	Boring ID (Min)	Maximum Exceedance	Boring ID (Max)	Average Exceedance
Lead	400	mg/kg	10	454	B111	2580	B160	988.50
Mercury	14	mg/kg	3	16.1	B107	18.3	B150	16.87
Zinc	1500	mg/kg	1	31900	B160	31900	B160	31900.00

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Table 4-4
Compliance Analysis Method Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
VOCs				
Acrylonitrile	AREA VOC-1	1	mg/kg	Compliance averaging used.
Chlorobenzene	AREA VOC-1	37	mg/kg	Compliance averaging used.
SVOCs				
Benzo(a)anthracene	AREA SVOC-1	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Benzo(a)anthracene	AREA SVOC-2	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Benzo(a)anthracene	AREA SVOC-3	0.9	mg/kg	Compliance averaging used.
Benzo(a)pyrene	AREA SVOC-1	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Benzo(a)pyrene.
Benzo(a)pyrene	AREA SVOC-2	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Benzo(a)pyrene.
Benzo(a)pyrene	AREA SVOC-3	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Benzo(a)pyrene.
Benzo(b)fluoranthene	AREA SVOC-1	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Benzo(b)fluoranthene	AREA SVOC-2	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Benzo(b)fluoranthene	AREA SVOC-3	0.9	mg/kg	Compliance averaging used.
Benzo(k)fluoranthene	AREA SVOC-1	0.9	mg/kg	Compliance averaging used.

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-4
Compliance Analysis Method Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
Benzo(k)fluoranthene	AREA SVOC-2	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Benzo(k)fluoranthene	AREA SVOC-3	0.9	mg/kg	Compliance averaging used.
Chrysene	AREA SVOC-1	9	mg/kg	Compliance averaging used.
Chrysene	AREA SVOC-2	9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Chrysene	AREA SVOC-3	9	mg/kg	Compliance averaging used.
Dibenz(a,h)anthracene	AREA SVOC-1	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Dibenz(a,h)anthracene.
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Dibenz(a,h)anthracene.
Dibenz(a,h)anthracene	AREA SVOC-3	0.66	mg/kg	Compliance averaging not allowed due to exceedance of 0.9 ppm limit for Dibenz(a,h)anthracene.
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	mg/kg	Compliance averaging used.
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	mg/kg	Compliance averaging used.
Pest/PCBs				
4,4'-DDE	AREA PESTPCB-1	2	mg/kg	Compliance averaging used.
4,4'-DDT	AREA PESTPCB-1	2	mg/kg	Compliance averaging used.

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-4
Compliance Analysis Method Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Analysis Decision
4,4'-DDT	AREA PESTPCB-2	2	mg/kg	Compliance averaging used.
Arochlor 1260	AREA PESTPCB-1	0.49	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 10X (for criterion<10 ppm).
Dieldrin	AREA PESTPCB-1	0.042	mg/kg	Compliance averaging used.
Metals				
Arsenic	AREA METALS-1	20	mg/kg	Compliance averaging not allowed due to exceedance of RDCSCC and site-specific maximum (22.9 mg/kg, Weston-1995).
Barium	AREA METALS-1	700	mg/kg	Compliance averaging used.
Beryllium	AREA METALS-1	2	mg/kg	Compliance averaging not allowed due to exceedance of 2 mg/kg limit for Beryllium
Cadmium	AREA METALS-1	39	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 5X (for criterion >10 ppm and < 100 ppm).
Copper	AREA METALS-1	600	mg/kg	Compliance averaging used.
Lead	AREA METALS-1	400	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).
Mercury	AREA METALS-1	14	mg/kg	Compliance averaging used.
Zinc	AREA METALS-1	1500	mg/kg	Compliance averaging not allowed due to exceedance of the ceiling limit of 2X (for criterion>100 ppm).

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Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
Site Specific Maximum Concentrations were developed by Weston (1995) and may apply to arsenic and thallium in determining whether compliance averaging can be used per NJDEP (Spring 1995).

Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
VOCs									
Acrylonitrile									
	AREA VOC-1								
Acrylonitrile	AREA VOC-1	1	B162	1.4 J	mg/kg	yes			1.4
Acrylonitrile	AREA VOC-1	1	B163	ND	mg/kg	no	2		1
Acrylonitrile	AREA VOC-1	1	B169	ND	mg/kg	no	2.3		1.15
Acrylonitrile	AREA VOC-1	1	B170	ND	mg/kg	no	2		1
Acrylonitrile	AREA VOC-1	1	B176	ND	mg/kg	no	2.1		1.05
Acrylonitrile	AREA VOC-1	1	B177	ND	mg/kg	no	2		1
						Compliance Average Result:			**1.100**
Chlorobenzene									
	AREA VOC-1								
Chlorobenzene	AREA VOC-1	37	B162	ND	mg/kg	no	0.3		0.15
Chlorobenzene	AREA VOC-1	37	B163	ND	mg/kg	no	0.29		0.145
Chlorobenzene	AREA VOC-1	37	B169	ND	mg/kg	no	0.32		0.16
Chlorobenzene	AREA VOC-1	37	B170	38 D	mg/kg	yes			38
Chlorobenzene	AREA VOC-1	37	B176	ND	mg/kg	no	0.3		0.15
Chlorobenzene	AREA VOC-1	37	B177	ND	mg/kg	no	0.29		0.145
						Compliance Average Result:			**6.458**

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MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
SVOCs									
Benzo(a)anthracene									
	AREA SVOC-3								
Benzo(a)anthracene	AREA SVOC-3	0.9	B6	ND	mg/kg	no	1		0.5
Benzo(a)anthracene	AREA SVOC-3	0.9	B7	ND	mg/kg	no	1		0.5
Benzo(a)anthracene	AREA SVOC-3	0.9	B8	1.8	mg/kg	yes			1.8
Benzo(a)anthracene	AREA SVOC-3	0.9	B9	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-3	0.9	B10	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-3	0.9	B11	1.7	mg/kg	yes			1.7
Benzo(a)anthracene	AREA SVOC-3	0.9	B18	11	mg/kg	yes			11
Benzo(a)anthracene	AREA SVOC-3	0.9	B19	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-3	0.9	B20	0.21J	mg/kg	no			0.21
Benzo(a)anthracene	AREA SVOC-3	0.9	B21	ND	mg/kg	no	1		0.5
Benzo(a)anthracene	AREA SVOC-3	0.9	B22	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-3	0.9	B23	ND	mg/kg	no	1		0.5
Benzo(a)anthracene	AREA SVOC-3	0.9	B24	3.5	mg/kg	yes			3.5
Benzo(a)anthracene	AREA SVOC-3	0.9	B32	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-3	0.9	B33	ND	mg/kg	no	1.1		0.55
Benzo(a)anthracene	AREA SVOC-3	0.9	B42	ND	mg/kg	no	1		0.5
Benzo(a)anthracene	AREA SVOC-3	0.9	B43	1.1	mg/kg	yes			1.1
Benzo(a)anthracene	AREA SVOC-3	0.9	B53	2.0	mg/kg	yes			2
						Compliance Average Result:			**1.506**
Benzo(b)fluoranthene									
	AREA SVOC-3								
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B6	ND	mg/kg	no	1		0.5
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B7	ND	mg/kg	no	1		0.5
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B8	1.9	mg/kg	yes			1.9
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B9	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B10	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B11	2.1	mg/kg	yes			2.1
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B18	11	mg/kg	yes			11
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B19	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B20	0.14J	mg/kg	no			0.14
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B21	ND	mg/kg	no	1		0.5
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B22	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B23	ND	mg/kg	no	1		0.5

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For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B24	4.4	mg/kg	yes			4.4
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B32	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B33	ND	mg/kg	no	1.1		0.55
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B42	ND	mg/kg	no	1		0.5
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B43	0.70J	mg/kg	no			0.7
Benzo(b)fluoranthene	AREA SVOC-3	0.9	B53	1.8	mg/kg	yes			1.8
						Compliance Average Result:			**1.547**
Benzo(k)fluoranthene									
	AREA SVOC-1								
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B110	3.9	mg/kg	yes			3.9
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B114	2.2	mg/kg	yes			2.2
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B115	ND	mg/kg	no	0.98		0.49
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B116	1.7	mg/kg	yes			1.7
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B120	1.9	mg/kg	yes			1.9
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B121	2.3	mg/kg	yes			2.3
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B125	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B126	0.27 J	mg/kg	no			0.27
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B130	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B131	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B135	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B136	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B137	2.1	mg/kg	yes			2.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B140	1.4	mg/kg	yes			1.4
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B141	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B142	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B145	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B146	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B147	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B150	0.77 J	mg/kg	no			0.77
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B151	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B152	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B153	0.52 J	mg/kg	no			0.52
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B156	1.5	mg/kg	yes			1.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B157	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B158	1.3	mg/kg	yes			1.3
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B159	0.67 J	mg/kg	no			0.67
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B163	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B164	ND	mg/kg	no	1.1		0.55

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Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B165	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B170	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B171	0.58 J	mg/kg	no			0.58
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B177	ND	mg/kg	no	1.2		0.6
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B178	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B184	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B185	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B189	0.20 J	mg/kg	no			0.2
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B190	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B191	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B194	1.6	mg/kg	yes			1.6
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B195	1.9	mg/kg	yes			1.9
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B196	1.6	mg/kg	yes			1.6
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B197	3.1	mg/kg	yes			3.1
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B200	0.16 J	mg/kg	no			0.16
Benzo(k)fluoranthene	AREA SVOC-1	0.9	B201	3.7	mg/kg	yes			3.7
						Compliance Average Result:			**1.028**
	AREA SVOC-3								
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B6	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B7	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B8	1.8	mg/kg	yes			1.8
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B9	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B10	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B11	1.7	mg/kg	yes			1.7
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B18	5.5	mg/kg	yes			5.5
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B19	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B20	0.20J	mg/kg	no			0.2
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B21	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B22	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B23	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B24	3.0	mg/kg	yes			3
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B32	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B33	ND	mg/kg	no	1.1		0.55
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B42	ND	mg/kg	no	1		0.5
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B43	0.77J	mg/kg	no			0.77
Benzo(k)fluoranthene	AREA SVOC-3	0.9	B53	1.8	mg/kg	yes			1.8
						Compliance Average Result:			**1.143**

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MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Chrysene									
	AREA SVOC-1								
Chrysene	AREA SVOC-1	9	B110	7.5	mg/kg	no			7.5
Chrysene	AREA SVOC-1	9	B114	4.1	mg/kg	no			4.1
Chrysene	AREA SVOC-1	9	B115	ND	mg/kg	no	0.98		0.49
Chrysene	AREA SVOC-1	9	B116	3.0	mg/kg	no			3
Chrysene	AREA SVOC-1	9	B120	3.6	mg/kg	no			3.6
Chrysene	AREA SVOC-1	9	B121	3.5	mg/kg	no			3.5
Chrysene	AREA SVOC-1	9	B125	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B126	0.50 J	mg/kg	no			0.5
Chrysene	AREA SVOC-1	9	B130	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B131	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B135	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B136	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-1	9	B137	4.1	mg/kg	no			4.1
Chrysene	AREA SVOC-1	9	B140	2.6	mg/kg	no			2.6
Chrysene	AREA SVOC-1	9	B141	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B142	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B145	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B146	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-1	9	B147	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B150	1.6	mg/kg	no			1.6
Chrysene	AREA SVOC-1	9	B151	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-1	9	B152	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B153	0.81 J	mg/kg	no			0.81
Chrysene	AREA SVOC-1	9	B156	3.8	mg/kg	no			3.8
Chrysene	AREA SVOC-1	9	B157	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B158	1.7	mg/kg	no			1.7
Chrysene	AREA SVOC-1	9	B159	1.1	mg/kg	no			1.1
Chrysene	AREA SVOC-1	9	B163	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B164	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B165	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-1	9	B170	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B171	0.96 J	mg/kg	no			0.96
Chrysene	AREA SVOC-1	9	B177	ND	mg/kg	no	1.2		0.6
Chrysene	AREA SVOC-1	9	B178	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-1	9	B184	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-1	9	B185	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B189	0.28 J	mg/kg	no			0.28

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MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Chrysene	AREA SVOC-1	9	B190	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B191	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-1	9	B194	2.3	mg/kg	no			2.3
Chrysene	AREA SVOC-1	9	B195	3.2	mg/kg	no			3.2
Chrysene	AREA SVOC-1	9	B196	2.9	mg/kg	no			2.9
Chrysene	AREA SVOC-1	9	B197	12	mg/kg	yes			12
Chrysene	AREA SVOC-1	9	B200	0.29 J	mg/kg	no			0.29
Chrysene	AREA SVOC-1	9	B201	28 D	mg/kg	yes			28
						Compliance Average Result:			**2.238**
	AREA SVOC-3								
Chrysene	AREA SVOC-3	9	B6	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-3	9	B7	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-3	9	B8	2.8	mg/kg	no			2.8
Chrysene	AREA SVOC-3	9	B9	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-3	9	B10	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-3	9	B11	2.8	mg/kg	no			2.8
Chrysene	AREA SVOC-3	9	B18	25D	mg/kg	yes			25
Chrysene	AREA SVOC-3	9	B19	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-3	9	B20	0.34J	mg/kg	no			0.34
Chrysene	AREA SVOC-3	9	B21	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-3	9	B22	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-3	9	B23	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-3	9	B24	6.5	mg/kg	no			6.5
Chrysene	AREA SVOC-3	9	B32	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-3	9	B33	ND	mg/kg	no	1.1		0.55
Chrysene	AREA SVOC-3	9	B42	ND	mg/kg	no	1		0.5
Chrysene	AREA SVOC-3	9	B43	1.7	mg/kg	no			1.7
Chrysene	AREA SVOC-3	9	B53	3.1	mg/kg	no			3.1
						Compliance Average Result:			**2.669**
Indeno(1,2,3-cd)pyrene									
	AREA SVOC-1								
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B110	2.7	mg/kg	yes			2.7
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B114	1.9	mg/kg	yes			1.9
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B115	ND	mg/kg	no	0.98		0.49
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B116	1.2	mg/kg	yes			1.2
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B120	0.73 J	mg/kg	no			0.73
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B121	0.95 J	mg/kg	yes			0.95

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For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B125	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B126	ND	mg/kg	no	0.95		0.475
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B130	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B131	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B135	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B136	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B137	0.95 J	mg/kg	yes			0.95
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B140	0.72 JB	mg/kg	no			0.72
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B141	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B142	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B145	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B146	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B147	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B150	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B151	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B152	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B153	0.51 J	mg/kg	no			0.51
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B156	0.74 J	mg/kg	no			0.74
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B157	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B158	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B159	0.49 J	mg/kg	no			0.49
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B163	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B164	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B165	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B170	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B171	0.34 J	mg/kg	no			0.34
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B177	ND	mg/kg	no	1.2		0.6
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B178	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B184	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B185	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B189	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B190	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B191	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B194	0.82 J	mg/kg	no			0.82
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B195	1.2	mg/kg	yes			1.2
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B196	1.1	mg/kg	yes			1.1
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B197	4.5	mg/kg	yes			4.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B200	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	B201	6.2	mg/kg	yes			6.2
								Compliance Average Result:	**0.900**

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Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
	AREA SVOC-3								
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B6	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B7	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B8	1.3	mg/kg	yes			1.3
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B9	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B10	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B11	1.2	mg/kg	yes			1.2
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B18	4.7	mg/kg	yes			4.7
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B19	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B20	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B21	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B22	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B23	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B24	1.8	mg/kg	yes			1.8
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B32	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B33	ND	mg/kg	no	1.1		0.55
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B42	ND	mg/kg	no	1		0.5
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B43	0.46J	mg/kg	no			0.46
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	B53	1.0 J	mg/kg	yes			1
						Compliance Average Result:			**0.934**

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For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Pest/PCBs									
4,4'-DDE									
	AREA PESTPCB-1								
4,4'-DDE	AREA PESTPCB-1	2	B81	0.371	mg/kg	no			0.371
4,4'-DDE	AREA PESTPCB-1	2	B86	0.507	mg/kg	no			0.507
4,4'-DDE	AREA PESTPCB-1	2	B87	0.29	mg/kg	no			0.29
4,4'-DDE	AREA PESTPCB-1	2	B92	1.746	mg/kg	no			1.746
4,4'-DDE	AREA PESTPCB-1	2	B93	0.463	mg/kg	no			0.463
4,4'-DDE	AREA PESTPCB-1	2	B96	0.095	mg/kg	no			0.095
4,4'-DDE	AREA PESTPCB-1	2	B100	0.076	mg/kg	no			0.076
4,4'-DDE	AREA PESTPCB-1	2	B107	0.044	mg/kg	no			0.044
4,4'-DDE	AREA PESTPCB-1	2	B111	0.055	mg/kg	no			0.055
4,4'-DDE	AREA PESTPCB-1	2	B115	0.247	mg/kg	no			0.247
4,4'-DDE	AREA PESTPCB-1	2	B120	0.10	mg/kg	no			0.1
4,4'-DDE	AREA PESTPCB-1	2	B125	0.053	mg/kg	no			0.053
4,4'-DDE	AREA PESTPCB-1	2	B130	0.026	mg/kg	no			0.026
4,4'-DDE	AREA PESTPCB-1	2	B134	6.677	mg/kg	yes			6.677
						Compliance Average Result:			**0.768**
4,4'-DDT									
	AREA PESTPCB-1								
4,4'-DDT	AREA PESTPCB-1	2	B81	0.631	mg/kg	no			0.631
4,4'-DDT	AREA PESTPCB-1	2	B86	0.626	mg/kg	no			0.626
4,4'-DDT	AREA PESTPCB-1	2	B87	0.474	mg/kg	no			0.474
4,4'-DDT	AREA PESTPCB-1	2	B92	6.171	mg/kg	yes			6.171
4,4'-DDT	AREA PESTPCB-1	2	B93	3.400	mg/kg	yes			3.4
4,4'-DDT	AREA PESTPCB-1	2	B96	0.181	mg/kg	no			0.181
4,4'-DDT	AREA PESTPCB-1	2	B100	0.077	mg/kg	no			0.077
4,4'-DDT	AREA PESTPCB-1	2	B107	0.105	mg/kg	no			0.105
4,4'-DDT	AREA PESTPCB-1	2	B111	0.083	mg/kg	no			0.083
4,4'-DDT	AREA PESTPCB-1	2	B115	0.292	mg/kg	no			0.292
4,4'-DDT	AREA PESTPCB-1	2	B120	0.467	mg/kg	no			0.467
4,4'-DDT	AREA PESTPCB-1	2	B125	0.078	mg/kg	no			0.078
4,4'-DDT	AREA PESTPCB-1	2	B130	0.019	mg/kg	no			0.019
4,4'-DDT	AREA PESTPCB-1	2	B134	10.216	mg/kg	yes			10.216
						Compliance Average Result:			**1.630**

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Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
	AREA PESTPCB-2								
4,4'-DDT	AREA PESTPCB-2	2	B10	5.066	mg/kg	yes			5.066
4,4'-DDT	AREA PESTPCB-2	2	B11	0.077	mg/kg	no			0.077
4,4'-DDT	AREA PESTPCB-2	2	B12	1.551	mg/kg	no			1.551
4,4'-DDT	AREA PESTPCB-2	2	B13	0.011	mg/kg	no			0.011
4,4'-DDT	AREA PESTPCB-2	2	B14	4.312	mg/kg	yes			4.312
4,4'-DDT	AREA PESTPCB-2	2	B25	0.188	mg/kg	no			0.188
4,4'-DDT	AREA PESTPCB-2	2	B26	4.879	mg/kg	yes			4.879
4,4'-DDT	AREA PESTPCB-2	2	B27	0.189	mg/kg	no			0.189
						Compliance Average Result:			**2.034**
Dieldrin									
	AREA PESTPCB-1								
Dieldrin	AREA PESTPCB-1	0.042	B81	0.060	mg/kg	yes			0.06
Dieldrin	AREA PESTPCB-1	0.042	B86	ND	mg/kg	no	0.0005		0.00025
Dieldrin	AREA PESTPCB-1	0.042	B87	ND	mg/kg	no	0.0006		0.0003
Dieldrin	AREA PESTPCB-1	0.042	B92	ND	mg/kg	no	0.0005		0.00025
Dieldrin	AREA PESTPCB-1	0.042	B93	ND	mg/kg	no	0.0006		0.0003
Dieldrin	AREA PESTPCB-1	0.042	B96	ND	mg/kg	no	0.0006		0.0003
Dieldrin	AREA PESTPCB-1	0.042	B100	ND	mg/kg	no	0.0006		0.0003
Dieldrin	AREA PESTPCB-1	0.042	B107	ND	mg/kg	no		5	
Dieldrin	AREA PESTPCB-1	0.042	B111	0.063	mg/kg	yes			0.063
Dieldrin	AREA PESTPCB-1	0.042	B115	ND	mg/kg	no		5	
Dieldrin	AREA PESTPCB-1	0.042	B120	ND	mg/kg	no		5	
Dieldrin	AREA PESTPCB-1	0.042	B125	ND	mg/kg	no		5	
Dieldrin	AREA PESTPCB-1	0.042	B130	ND	mg/kg	no		5	
Dieldrin	AREA PESTPCB-1	0.042	B134	ND	mg/kg	no		5	
						Compliance Average Result:			**0.016**

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Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Metals									
Barium									
	AREA METALS-1								
Barium	AREA METALS-1	700	B6	63.1	mg/kg	no			63.1
Barium	AREA METALS-1	700	B17	60.0	mg/kg	no			60
Barium	AREA METALS-1	700	B18	54.9	mg/kg	no			54.9
Barium	AREA METALS-1	700	B19	44.5	mg/kg	no			44.5
Barium	AREA METALS-1	700	B20	28.7	mg/kg	no			28.7
Barium	AREA METALS-1	700	B21	27.5	mg/kg	no			27.5
Barium	AREA METALS-1	700	B29	40.7	mg/kg	no			40.7
Barium	AREA METALS-1	700	B30	202	mg/kg	no			202
Barium	AREA METALS-1	700	B31	35.3	mg/kg	no			35.3
Barium	AREA METALS-1	700	B32	50.2	mg/kg	no			50.2
Barium	AREA METALS-1	700	B33	53.3	mg/kg	no			53.3
Barium	AREA METALS-1	700	B34	21.2	mg/kg	no			21.2
Barium	AREA METALS-1	700	B39	39.1	mg/kg	no			39.1
Barium	AREA METALS-1	700	B41	41.4	mg/kg	no			41.4
Barium	AREA METALS-1	700	B42	43.5	mg/kg	no			43.5
Barium	AREA METALS-1	700	B43	45.6	mg/kg	no			45.6
Barium	AREA METALS-1	700	B44	42.1	mg/kg	no			42.1
Barium	AREA METALS-1	700	B45	37.9	mg/kg	no			37.9
Barium	AREA METALS-1	700	B46	49.6	mg/kg	no			49.6
Barium	AREA METALS-1	700	B47	23.2	mg/kg	no			23.2
Barium	AREA METALS-1	700	B48	17.6	mg/kg	no			17.6
Barium	AREA METALS-1	700	B49	311	mg/kg	no			311
Barium	AREA METALS-1	700	B50	32.9	mg/kg	no			32.9
Barium	AREA METALS-1	700	B52	43.0	mg/kg	no			43
Barium	AREA METALS-1	700	B53	45.4	mg/kg	no			45.4
Barium	AREA METALS-1	700	B54	45.3	mg/kg	no			45.3
Barium	AREA METALS-1	700	B55	48.9	mg/kg	no			48.9
Barium	AREA METALS-1	700	B56	19.1	mg/kg	no			19.1
Barium	AREA METALS-1	700	B57	50.0	mg/kg	no			50
Barium	AREA METALS-1	700	B58	27.6	mg/kg	no			27.6
Barium	AREA METALS-1	700	B59	23.6	mg/kg	no			23.6
Barium	AREA METALS-1	700	B60	108	mg/kg	no			108
Barium	AREA METALS-1	700	B61	128	mg/kg	no			128
Barium	AREA METALS-1	700	B64A	48.5	mg/kg	no			48.5
Barium	AREA METALS-1	700	B65	21.5	mg/kg	no			21.5

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M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B66	49.5	mg/kg	no			49.5
Barium	AREA METALS-1	700	B67	56.0	mg/kg	no			56
Barium	AREA METALS-1	700	B68	32.7	mg/kg	no			32.7
Barium	AREA METALS-1	700	B69	463	mg/kg	no			463
Barium	AREA METALS-1	700	B70	40.0	mg/kg	no			40
Barium	AREA METALS-1	700	B71	120	mg/kg	no			120
Barium	AREA METALS-1	700	B77	30.5	mg/kg	no			30.5
Barium	AREA METALS-1	700	B78	23.0	mg/kg	no			23
Barium	AREA METALS-1	700	B79	10.8	mg/kg	no			10.8
Barium	AREA METALS-1	700	B80	59.3	mg/kg	no			59.3
Barium	AREA METALS-1	700	B81	118	mg/kg	no			118
Barium	AREA METALS-1	700	B84	24.3	mg/kg	no			24.3
Barium	AREA METALS-1	700	B85	28.0	mg/kg	no			28
Barium	AREA METALS-1	700	B86	92.4	mg/kg	no			92.4
Barium	AREA METALS-1	700	B87	219	mg/kg	no			219
Barium	AREA METALS-1	700	B90	26.7	mg/kg	no			26.7
Barium	AREA METALS-1	700	B91	73.7	mg/kg	no			73.7
Barium	AREA METALS-1	700	B92	120	mg/kg	no			120
Barium	AREA METALS-1	700	B93	214	mg/kg	no			214
Barium	AREA METALS-1	700	B95	103	mg/kg	no			103
Barium	AREA METALS-1	700	B96	69.8	mg/kg	no			69.8
Barium	AREA METALS-1	700	B97	61.6	mg/kg	no			61.6
Barium	AREA METALS-1	700	B99	182	mg/kg	no			182
Barium	AREA METALS-1	700	B100	96.0	mg/kg	no			96
Barium	AREA METALS-1	700	B101	97.0	mg/kg	no			97
Barium	AREA METALS-1	700	B102	29.4	mg/kg	no			29.4
Barium	AREA METALS-1	700	B103	45.6	mg/kg	no			45.6
Barium	AREA METALS-1	700	B104	43.0	mg/kg	no			43
Barium	AREA METALS-1	700	B106	41.1	mg/kg	no			41.1
Barium	AREA METALS-1	700	B107	88.3	mg/kg	no			88.3
Barium	AREA METALS-1	700	B108	34.1	mg/kg	no			34.1
Barium	AREA METALS-1	700	B110	73.0	mg/kg	no			73
Barium	AREA METALS-1	700	B111	34.6	mg/kg	no			34.6
Barium	AREA METALS-1	700	B112	45.7	mg/kg	no			45.7
Barium	AREA METALS-1	700	B114	232	mg/kg	no			232
Barium	AREA METALS-1	700	B115	182	mg/kg	no			182
Barium	AREA METALS-1	700	B116	59.2	mg/kg	no			59.2
Barium	AREA METALS-1	700	B119	59.2	mg/kg	no			59.2
Barium	AREA METALS-1	700	B120	38.3	mg/kg	no			38.3
Barium	AREA METALS-1	700	B121	143	mg/kg	no			143
Barium	AREA METALS-1	700	B124	163	mg/kg	no			163

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M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B125	76.1	mg/kg	no			76.1
Barium	AREA METALS-1	700	B126	129	mg/kg	no			129
Barium	AREA METALS-1	700	B127	86.3	mg/kg	no			86.3
Barium	AREA METALS-1	700	B129	96.3	mg/kg	no			96.3
Barium	AREA METALS-1	700	B130	42.1	mg/kg	no			42.1
Barium	AREA METALS-1	700	B131	55.8	mg/kg	no			55.8
Barium	AREA METALS-1	700	B132	91.1	mg/kg	no			91.1
Barium	AREA METALS-1	700	B134	95.3	mg/kg	no			95.3
Barium	AREA METALS-1	700	B135	86.3	mg/kg	no			86.3
Barium	AREA METALS-1	700	B136	30.4	mg/kg	no			30.4
Barium	AREA METALS-1	700	B137	90.2	mg/kg	no			90.2
Barium	AREA METALS-1	700	B139	114	mg/kg	no			114
Barium	AREA METALS-1	700	B140	34.0	mg/kg	no			34
Barium	AREA METALS-1	700	B141	189	mg/kg	no			189
Barium	AREA METALS-1	700	B142	58.0	mg/kg	no			58
Barium	AREA METALS-1	700	B144	29.3	mg/kg	no			29.3
Barium	AREA METALS-1	700	B145	74.2	mg/kg	no			74.2
Barium	AREA METALS-1	700	B146	133	mg/kg	no			133
Barium	AREA METALS-1	700	B147	172	mg/kg	no			172
Barium	AREA METALS-1	700	B148	153	mg/kg	no			153
Barium	AREA METALS-1	700	B149	37.0	mg/kg	no			37
Barium	AREA METALS-1	700	B150	68.3	mg/kg	no			68.3
Barium	AREA METALS-1	700	B151	54.4	mg/kg	no			54.4
Barium	AREA METALS-1	700	B152	63.2	mg/kg	no			63.2
Barium	AREA METALS-1	700	B153	83.4	mg/kg	no			83.4
Barium	AREA METALS-1	700	B154	176	mg/kg	no			176
Barium	AREA METALS-1	700	B155	57.9	mg/kg	no			57.9
Barium	AREA METALS-1	700	B156	35.2	mg/kg	no			35.2
Barium	AREA METALS-1	700	B157	46.9	mg/kg	no			46.9
Barium	AREA METALS-1	700	B158	43.0	mg/kg	no			43
Barium	AREA METALS-1	700	B159	70.2	mg/kg	no			70.2
Barium	AREA METALS-1	700	B160	849	mg/kg	yes			849
Barium	AREA METALS-1	700	B161	111	mg/kg	no			111
Barium	AREA METALS-1	700	B162	124	mg/kg	no			124
Barium	AREA METALS-1	700	B163	42.3	mg/kg	no			42.3
Barium	AREA METALS-1	700	B164	44.6	mg/kg	no			44.6
Barium	AREA METALS-1	700	B165	59.1	mg/kg	no			59.1
Barium	AREA METALS-1	700	B166	48.8	mg/kg	no			48.8
Barium	AREA METALS-1	700	B167	164	mg/kg	no			164
Barium	AREA METALS-1	700	B168	38.5	mg/kg	no			38.5
Barium	AREA METALS-1	700	B169	41.8	mg/kg	no			41.8

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M-3 Landfill
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Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Barium	AREA METALS-1	700	B170	34.5	mg/kg	no			34.5
Barium	AREA METALS-1	700	B171	55.8	mg/kg	no			55.8
Barium	AREA METALS-1	700	B172	59.9	mg/kg	no			59.9
Barium	AREA METALS-1	700	B173	83.5	mg/kg	no			83.5
Barium	AREA METALS-1	700	B175	73.1	mg/kg	no			73.1
Barium	AREA METALS-1	700	B176	41.5	mg/kg	no			41.5
Barium	AREA METALS-1	700	B177	44.5	mg/kg	no			44.5
Barium	AREA METALS-1	700	B178	68.7	mg/kg	no			68.7
Barium	AREA METALS-1	700	B179	33.4	mg/kg	no			33.4
Barium	AREA METALS-1	700	B180	33.2	mg/kg	no			33.2
Barium	AREA METALS-1	700	B183	42.5	mg/kg	no			42.5
Barium	AREA METALS-1	700	B184	78.0	mg/kg	no			78
Barium	AREA METALS-1	700	B185	49.5	mg/kg	no			49.5
Barium	AREA METALS-1	700	B186	34.2	mg/kg	no			34.2
Barium	AREA METALS-1	700	B187	51.0	mg/kg	no			51
Barium	AREA METALS-1	700	B189	46.4	mg/kg	no			46.4
Barium	AREA METALS-1	700	B190	27.1	mg/kg	no			27.1
Barium	AREA METALS-1	700	B191	37.9	mg/kg	no			37.9
Barium	AREA METALS-1	700	B192	37.2	mg/kg	no			37.2
Barium	AREA METALS-1	700	B196	44.6	mg/kg	no			44.6
Barium	AREA METALS-1	700	B197	71.5	mg/kg	no			71.5
Barium	AREA METALS-1	700	B198	50.0	mg/kg	no			50
Barium	AREA METALS-1	700	B204	27.0	mg/kg	no			27
						Compliance Average Result:			**77.964**

Copper

AREA METALS-1

Copper	AREA METALS-1	600	B6	63.6	mg/kg	no			63.6
Copper	AREA METALS-1	600	B17	160	mg/kg	no			160
Copper	AREA METALS-1	600	B18	126	mg/kg	no			126
Copper	AREA METALS-1	600	B19	53.8	mg/kg	no			53.8
Copper	AREA METALS-1	600	B20	40.9	mg/kg	no			40.9
Copper	AREA METALS-1	600	B21	24.4	mg/kg	no			24.4
Copper	AREA METALS-1	600	B29	50.4	mg/kg	no			50.4
Copper	AREA METALS-1	600	B30	235	mg/kg	no			235
Copper	AREA METALS-1	600	B31	436	mg/kg	no			436
Copper	AREA METALS-1	600	B32	56.2	mg/kg	no			56.2
Copper	AREA METALS-1	600	B33	28.0	mg/kg	no			28
Copper	AREA METALS-1	600	B34	18.0	mg/kg	no			18

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Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B39	17.1	mg/kg	no			17.1
Copper	AREA METALS-1	600	B41	30.1	mg/kg	no			30.1
Copper	AREA METALS-1	600	B42	56.8	mg/kg	no			56.8
Copper	AREA METALS-1	600	B43	38.9	mg/kg	no			38.9
Copper	AREA METALS-1	600	B44	20.2	mg/kg	no			20.2
Copper	AREA METALS-1	600	B45	20.1	mg/kg	no			20.1
Copper	AREA METALS-1	600	B46	6.46	mg/kg	no			6.46
Copper	AREA METALS-1	600	B47	11.9	mg/kg	no			11.9
Copper	AREA METALS-1	600	B48	16.2	mg/kg	no			16.2
Copper	AREA METALS-1	600	B49	76.9	mg/kg	no			76.9
Copper	AREA METALS-1	600	B50	24.0	mg/kg	no			24
Copper	AREA METALS-1	600	B52	14.7	mg/kg	no			14.7
Copper	AREA METALS-1	600	B53	345	mg/kg	no			345
Copper	AREA METALS-1	600	B54	69.4	mg/kg	no			69.4
Copper	AREA METALS-1	600	B55	11.4	mg/kg	no			11.4
Copper	AREA METALS-1	600	B56	6.59	mg/kg	no			6.59
Copper	AREA METALS-1	600	B57	11.4	mg/kg	no			11.4
Copper	AREA METALS-1	600	B58	11.3	mg/kg	no			11.3
Copper	AREA METALS-1	600	B59	3.93	mg/kg	no			3.93
Copper	AREA METALS-1	600	B60	53.7	mg/kg	no			53.7
Copper	AREA METALS-1	600	B61	927	mg/kg	yes			927
Copper	AREA METALS-1	600	B64A	79.0	mg/kg	no			79
Copper	AREA METALS-1	600	B65	2.47	mg/kg	no			2.47
Copper	AREA METALS-1	600	B66	30.1	mg/kg	no			30.1
Copper	AREA METALS-1	600	B67	66.2	mg/kg	no			66.2
Copper	AREA METALS-1	600	B68	10.4	mg/kg	no			10.4
Copper	AREA METALS-1	600	B69	50.7	mg/kg	no			50.7
Copper	AREA METALS-1	600	B70	47.4	mg/kg	no			47.4
Copper	AREA METALS-1	600	B71	64.9	mg/kg	no			64.9
Copper	AREA METALS-1	600	B77	2.61	mg/kg	no			2.61
Copper	AREA METALS-1	600	B78	41.9	mg/kg	no			41.9
Copper	AREA METALS-1	600	B79	13.5	mg/kg	no			13.5
Copper	AREA METALS-1	600	B80	61.2	mg/kg	no			61.2
Copper	AREA METALS-1	600	B81	109	mg/kg	no			109
Copper	AREA METALS-1	600	B84	6.12	mg/kg	no			6.12
Copper	AREA METALS-1	600	B85	7.07	mg/kg	no			7.07
Copper	AREA METALS-1	600	B86	204	mg/kg	no			204
Copper	AREA METALS-1	600	B87	92.8	mg/kg	no			92.8
Copper	AREA METALS-1	600	B90	4.58	mg/kg	no			4.58
Copper	AREA METALS-1	600	B91	125	mg/kg	no			125
Copper	AREA METALS-1	600	B92	195	mg/kg	no			195

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Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B93	98.6	mg/kg	no			98.6
Copper	AREA METALS-1	600	B95	104	mg/kg	no			104
Copper	AREA METALS-1	600	B96	21.0	mg/kg	no			21
Copper	AREA METALS-1	600	B97	11.8	mg/kg	no			11.8
Copper	AREA METALS-1	600	B99	134	mg/kg	no			134
Copper	AREA METALS-1	600	B100	28.5	mg/kg	no			28.5
Copper	AREA METALS-1	600	B101	23.0	mg/kg	no			23
Copper	AREA METALS-1	600	B102	4.58	mg/kg	no			4.58
Copper	AREA METALS-1	600	B103	3.15	mg/kg	no			3.15
Copper	AREA METALS-1	600	B104	11.8	mg/kg	no			11.8
Copper	AREA METALS-1	600	B106	11.0	mg/kg	no			11
Copper	AREA METALS-1	600	B107	357	mg/kg	no			357
Copper	AREA METALS-1	600	B108	6.07	mg/kg	no			6.07
Copper	AREA METALS-1	600	B110	13.8	mg/kg	no			13.8
Copper	AREA METALS-1	600	B111	23.4	mg/kg	no			23.4
Copper	AREA METALS-1	600	B112	12.0	mg/kg	no			12
Copper	AREA METALS-1	600	B114	38.9	mg/kg	no			38.9
Copper	AREA METALS-1	600	B115	50.7	mg/kg	no			50.7
Copper	AREA METALS-1	600	B116	35.4	mg/kg	no			35.4
Copper	AREA METALS-1	600	B119	28.0	mg/kg	no			28
Copper	AREA METALS-1	600	B120	56.9	mg/kg	no			56.9
Copper	AREA METALS-1	600	B121	53.3	mg/kg	no			53.3
Copper	AREA METALS-1	600	B124	14.1	mg/kg	no			14.1
Copper	AREA METALS-1	600	B125	7.91	mg/kg	no			7.91
Copper	AREA METALS-1	600	B126	56.2	mg/kg	no			56.2
Copper	AREA METALS-1	600	B127	6.24	mg/kg	no			6.24
Copper	AREA METALS-1	600	B129	26.7	mg/kg	no			26.7
Copper	AREA METALS-1	600	B130	35.5	mg/kg	no			35.5
Copper	AREA METALS-1	600	B131	14.8	mg/kg	no			14.8
Copper	AREA METALS-1	600	B132	23.5	mg/kg	no			23.5
Copper	AREA METALS-1	600	B134	211	mg/kg	no			211
Copper	AREA METALS-1	600	B135	29.3	mg/kg	no			29.3
Copper	AREA METALS-1	600	B136	29.3	mg/kg	no			29.3
Copper	AREA METALS-1	600	B137	29.7	mg/kg	no			29.7
Copper	AREA METALS-1	600	B139	18.5	mg/kg	no			18.5
Copper	AREA METALS-1	600	B140	170	mg/kg	no			170
Copper	AREA METALS-1	600	B141	57.7	mg/kg	no			57.7
Copper	AREA METALS-1	600	B142	26.2	mg/kg	no			26.2
Copper	AREA METALS-1	600	B144	3.89	mg/kg	no			3.89
Copper	AREA METALS-1	600	B145	23.1	mg/kg	no			23.1
Copper	AREA METALS-1	600	B146	36.3	mg/kg	no			36.3

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Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B147	126	mg/kg	no			126
Copper	AREA METALS-1	600	B148	23.5	mg/kg	no			23.5
Copper	AREA METALS-1	600	B149	8.34	mg/kg	no			8.34
Copper	AREA METALS-1	600	B150	28.6	mg/kg	no			28.6
Copper	AREA METALS-1	600	B151	14.6	mg/kg	no			14.6
Copper	AREA METALS-1	600	B152	28.6	mg/kg	no			28.6
Copper	AREA METALS-1	600	B153	25.9	mg/kg	no			25.9
Copper	AREA METALS-1	600	B154	193	mg/kg	no			193
Copper	AREA METALS-1	600	B155	24.3	mg/kg	no			24.3
Copper	AREA METALS-1	600	B156	19.7	mg/kg	no			19.7
Copper	AREA METALS-1	600	B157	37.3	mg/kg	no			37.3
Copper	AREA METALS-1	600	B158	38.2	mg/kg	no			38.2
Copper	AREA METALS-1	600	B159	55.6	mg/kg	no			55.6
Copper	AREA METALS-1	600	B160	495	mg/kg	no			495
Copper	AREA METALS-1	600	B161	31.8	mg/kg	no			31.8
Copper	AREA METALS-1	600	B162	88.1	mg/kg	no			88.1
Copper	AREA METALS-1	600	B163	20.6	mg/kg	no			20.6
Copper	AREA METALS-1	600	B164	14.0	mg/kg	no			14
Copper	AREA METALS-1	600	B165	120	mg/kg	no			120
Copper	AREA METALS-1	600	B166	26.0	mg/kg	no			26
Copper	AREA METALS-1	600	B167	32.6	mg/kg	no			32.6
Copper	AREA METALS-1	600	B168	3.00	mg/kg	no			3
Copper	AREA METALS-1	600	B169	51.9	mg/kg	no			51.9
Copper	AREA METALS-1	600	B170	32.7	mg/kg	no			32.7
Copper	AREA METALS-1	600	B171	40.3	mg/kg	no			40.3
Copper	AREA METALS-1	600	B172	11.6	mg/kg	no			11.6
Copper	AREA METALS-1	600	B173	25.1	mg/kg	no			25.1
Copper	AREA METALS-1	600	B175	2.92	mg/kg	no			2.92
Copper	AREA METALS-1	600	B176	4.95	mg/kg	no			4.95
Copper	AREA METALS-1	600	B177	12.4	mg/kg	no			12.4
Copper	AREA METALS-1	600	B178	18.3	mg/kg	no			18.3
Copper	AREA METALS-1	600	B179	22.4	mg/kg	no			22.4
Copper	AREA METALS-1	600	B180	7.85	mg/kg	no			7.85
Copper	AREA METALS-1	600	B183	3.95	mg/kg	no			3.95
Copper	AREA METALS-1	600	B184	44.7	mg/kg	no			44.7
Copper	AREA METALS-1	600	B185	9.74	mg/kg	no			9.74
Copper	AREA METALS-1	600	B186	4.78	mg/kg	no			4.78
Copper	AREA METALS-1	600	B187	8.74	mg/kg	no			8.74
Copper	AREA METALS-1	600	B189	6.94	mg/kg	no			6.94
Copper	AREA METALS-1	600	B190	4.92	mg/kg	no			4.92
Copper	AREA METALS-1	600	B191	7.83	mg/kg	no			7.83

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M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Copper	AREA METALS-1	600	B192	25.9	mg/kg	no			25.9
Copper	AREA METALS-1	600	B196	29.9	mg/kg	no			29.9
Copper	AREA METALS-1	600	B197	26.2	mg/kg	no			26.2
Copper	AREA METALS-1	600	B198	10.7	mg/kg	no			10.7
Copper	AREA METALS-1	600	B204	5.73	mg/kg	no			5.73
						Compliance Average Result:			**57.867**
Mercury									
	AREA METALS-1								
Mercury	AREA METALS-1	14	B6	0.027	mg/kg	no			0.027
Mercury	AREA METALS-1	14	B17	0.159	mg/kg	no			0.159
Mercury	AREA METALS-1	14	B18	0.070	mg/kg	no			0.07
Mercury	AREA METALS-1	14	B19	0.089	mg/kg	no			0.089
Mercury	AREA METALS-1	14	B20	0.048	mg/kg	no			0.048
Mercury	AREA METALS-1	14	B21	ND	mg/kg	no	0.011		0.0055
Mercury	AREA METALS-1	14	B29	ND	mg/kg	no	0.012		0.006
Mercury	AREA METALS-1	14	B30	ND	mg/kg	no	0.012		0.006
Mercury	AREA METALS-1	14	B31	ND	mg/kg	no	0.011		0.0055
Mercury	AREA METALS-1	14	B32	0.059	mg/kg	no			0.059
Mercury	AREA METALS-1	14	B33	0.091	mg/kg	no			0.091
Mercury	AREA METALS-1	14	B34	0.018	mg/kg	no			0.018
Mercury	AREA METALS-1	14	B39	0.184	mg/kg	no			0.184
Mercury	AREA METALS-1	14	B41	0.125	mg/kg	no			0.125
Mercury	AREA METALS-1	14	B42	0.245	mg/kg	no			0.245
Mercury	AREA METALS-1	14	B43	0.29	mg/kg	no			0.29
Mercury	AREA METALS-1	14	B44	0.178	mg/kg	no			0.178
Mercury	AREA METALS-1	14	B45	0.175	mg/kg	no			0.175
Mercury	AREA METALS-1	14	B46	0.129	mg/kg	no			0.129
Mercury	AREA METALS-1	14	B47	0.09	mg/kg	no			0.09
Mercury	AREA METALS-1	14	B48	0.123	mg/kg	no			0.123
Mercury	AREA METALS-1	14	B49	0.209	mg/kg	no			0.209
Mercury	AREA METALS-1	14	B50	0.161	mg/kg	no			0.161
Mercury	AREA METALS-1	14	B52	0.142	mg/kg	no			0.142
Mercury	AREA METALS-1	14	B53	0.102	mg/kg	no			0.102
Mercury	AREA METALS-1	14	B54	0.039	mg/kg	no			0.039
Mercury	AREA METALS-1	14	B55	0.028	mg/kg	no			0.028
Mercury	AREA METALS-1	14	B56	0.024	mg/kg	no			0.024
Mercury	AREA METALS-1	14	B57	0.044	mg/kg	no			0.044
Mercury	AREA METALS-1	14	B58	0.044	mg/kg	no			0.044

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Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Mercury	AREA METALS-1	14	B59	0.040	mg/kg	no			0.04
Mercury	AREA METALS-1	14	B60	0.231	mg/kg	no			0.231
Mercury	AREA METALS-1	14	B61	0.086	mg/kg	no			0.086
Mercury	AREA METALS-1	14	B64A	0.107	mg/kg	no			0.107
Mercury	AREA METALS-1	14	B65	0.025	mg/kg	no			0.025
Mercury	AREA METALS-1	14	B66	0.035	mg/kg	no			0.035
Mercury	AREA METALS-1	14	B67	0.120	mg/kg	no			0.12
Mercury	AREA METALS-1	14	B68	0.058	mg/kg	no			0.058
Mercury	AREA METALS-1	14	B69	0.414	mg/kg	no			0.414
Mercury	AREA METALS-1	14	B70	0.033	mg/kg	no			0.033
Mercury	AREA METALS-1	14	B71	0.657	mg/kg	no			0.657
Mercury	AREA METALS-1	14	B77	0.022	mg/kg	no			0.022
Mercury	AREA METALS-1	14	B78	0.026	mg/kg	no			0.026
Mercury	AREA METALS-1	14	B79	0.018	mg/kg	no			0.018
Mercury	AREA METALS-1	14	B80	0.295	mg/kg	no			0.295
Mercury	AREA METALS-1	14	B81	0.794	mg/kg	no			0.794
Mercury	AREA METALS-1	14	B84	0.04	mg/kg	no			0.04
Mercury	AREA METALS-1	14	B85	0.041	mg/kg	no			0.041
Mercury	AREA METALS-1	14	B86	0.148	mg/kg	no			0.148
Mercury	AREA METALS-1	14	B87	3.539	mg/kg	no			3.539
Mercury	AREA METALS-1	14	B90	0.037	mg/kg	no			0.037
Mercury	AREA METALS-1	14	B91	0.697	mg/kg	no			0.697
Mercury	AREA METALS-1	14	B92	3.81	mg/kg	no			3.81
Mercury	AREA METALS-1	14	B93	0.408	mg/kg	no			0.408
Mercury	AREA METALS-1	14	B95	0.082	mg/kg	no			0.082
Mercury	AREA METALS-1	14	B96	0.232	mg/kg	no			0.232
Mercury	AREA METALS-1	14	B97	0.131	mg/kg	no			0.131
Mercury	AREA METALS-1	14	B99	1.50	mg/kg	no			1.5
Mercury	AREA METALS-1	14	B100	0.238	mg/kg	no			0.238
Mercury	AREA METALS-1	14	B101	0.176	mg/kg	no			0.176
Mercury	AREA METALS-1	14	B102	0.021	mg/kg	no			0.021
Mercury	AREA METALS-1	14	B103	0.024	mg/kg	no			0.024
Mercury	AREA METALS-1	14	B104	0.056	mg/kg	no			0.056
Mercury	AREA METALS-1	14	B106	0.032	mg/kg	no			0.032
Mercury	AREA METALS-1	14	B107	16.1	mg/kg	yes			16.1
Mercury	AREA METALS-1	14	B108	0.083	mg/kg	no			0.083
Mercury	AREA METALS-1	14	B110	0.065	mg/kg	no			0.065
Mercury	AREA METALS-1	14	B111	0.159	mg/kg	no			0.159
Mercury	AREA METALS-1	14	B112	0.128	mg/kg	no			0.128
Mercury	AREA METALS-1	14	B114	0.286	mg/kg	no			0.286
Mercury	AREA METALS-1	14	B115	0.097	mg/kg	no			0.097

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Table 4-5
Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Mercury	AREA METALS-1	14	B116	0.300	mg/kg	no			0.3
Mercury	AREA METALS-1	14	B119	16.199	mg/kg	yes			16.199
Mercury	AREA METALS-1	14	B120	0.187	mg/kg	no			0.187
Mercury	AREA METALS-1	14	B121	0.450	mg/kg	no			0.45
Mercury	AREA METALS-1	14	B124	0.552	mg/kg	no			0.552
Mercury	AREA METALS-1	14	B125	0.031	mg/kg	no			0.031
Mercury	AREA METALS-1	14	B126	0.331	mg/kg	no			0.331
Mercury	AREA METALS-1	14	B127	0.104	mg/kg	no			0.104
Mercury	AREA METALS-1	14	B129	0.164	mg/kg	no			0.164
Mercury	AREA METALS-1	14	B130	0.024	mg/kg	no			0.024
Mercury	AREA METALS-1	14	B131	0.07	mg/kg	no			0.07
Mercury	AREA METALS-1	14	B132	0.134	mg/kg	no			0.134
Mercury	AREA METALS-1	14	B134	0.120	mg/kg	no			0.12
Mercury	AREA METALS-1	14	B135	0.243	mg/kg	no			0.243
Mercury	AREA METALS-1	14	B136	0.028	mg/kg	no			0.028
Mercury	AREA METALS-1	14	B137	0.0150	mg/kg	no			0.015
Mercury	AREA METALS-1	14	B139	0.745	mg/kg	no			0.745
Mercury	AREA METALS-1	14	B140	0.333	mg/kg	no			0.333
Mercury	AREA METALS-1	14	B141	0.079	mg/kg	no			0.079
Mercury	AREA METALS-1	14	B142	0.088	mg/kg	no			0.088
Mercury	AREA METALS-1	14	B144	0.037	mg/kg	no			0.037
Mercury	AREA METALS-1	14	B145	0.024	mg/kg	no			0.024
Mercury	AREA METALS-1	14	B146	0.117	mg/kg	no			0.117
Mercury	AREA METALS-1	14	B147	0.048	mg/kg	no			0.048
Mercury	AREA METALS-1	14	B148	0.145	mg/kg	no			0.145
Mercury	AREA METALS-1	14	B149	0.057	mg/kg	no			0.057
Mercury	AREA METALS-1	14	B150	18.3	mg/kg	yes			18.3
Mercury	AREA METALS-1	14	B151	0.509	mg/kg	no			0.509
Mercury	AREA METALS-1	14	B152	0.077	mg/kg	no			0.077
Mercury	AREA METALS-1	14	B153	0.101	mg/kg	no			0.101
Mercury	AREA METALS-1	14	B154	0.61	mg/kg	no			0.61
Mercury	AREA METALS-1	14	B155	0.213	mg/kg	no			0.213
Mercury	AREA METALS-1	14	B156	0.070	mg/kg	no			0.07
Mercury	AREA METALS-1	14	B157	0.086	mg/kg	no			0.086
Mercury	AREA METALS-1	14	B158	0.062	mg/kg	no			0.062
Mercury	AREA METALS-1	14	B159	0.073	mg/kg	no			0.073
Mercury	AREA METALS-1	14	B160	0.115	mg/kg	no			0.115
Mercury	AREA METALS-1	14	B161	0.605	mg/kg	no			0.605
Mercury	AREA METALS-1	14	B162	0.114	mg/kg	no			0.114
Mercury	AREA METALS-1	14	B163	0.063	mg/kg	no			0.063
Mercury	AREA METALS-1	14	B164	0.033	mg/kg	no			0.033

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Compliance Averaging Results
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Area	RDCSCC	Boring ID	Result	Units	Exceeds Criteria	MDL	Dilution Factor	Result Used for Average
Mercury	AREA METALS-1	14	B165	0.369	mg/kg	no			0.369
Mercury	AREA METALS-1	14	B166	0.062	mg/kg	no			0.062
Mercury	AREA METALS-1	14	B167	0.421	mg/kg	no			0.421
Mercury	AREA METALS-1	14	B168	0.025	mg/kg	no			0.025
Mercury	AREA METALS-1	14	B169	0.035	mg/kg	no			0.035
Mercury	AREA METALS-1	14	B170	0.083	mg/kg	no			0.083
Mercury	AREA METALS-1	14	B171	0.087	mg/kg	no			0.087
Mercury	AREA METALS-1	14	B172	0.060	mg/kg	no			0.06
Mercury	AREA METALS-1	14	B173	0.075	mg/kg	no			0.075
Mercury	AREA METALS-1	14	B175	0.026	mg/kg	no			0.026
Mercury	AREA METALS-1	14	B176	0.030	mg/kg	no			0.03
Mercury	AREA METALS-1	14	B177	0.026	mg/kg	no			0.026
Mercury	AREA METALS-1	14	B178	0.025	mg/kg	no			0.025
Mercury	AREA METALS-1	14	B179	0.033	mg/kg	no			0.033
Mercury	AREA METALS-1	14	B180	0.076	mg/kg	no			0.076
Mercury	AREA METALS-1	14	B183	0.026	mg/kg	no			0.026
Mercury	AREA METALS-1	14	B184	0.750	mg/kg	no			0.75
Mercury	AREA METALS-1	14	B185	0.066	mg/kg	no			0.066
Mercury	AREA METALS-1	14	B186	0.058	mg/kg	no			0.058
Mercury	AREA METALS-1	14	B187	0.027	mg/kg	no			0.027
Mercury	AREA METALS-1	14	B189	0.034	mg/kg	no			0.034
Mercury	AREA METALS-1	14	B190	ND	mg/kg	no	0.024		0.012
Mercury	AREA METALS-1	14	B191	0.049	mg/kg	no			0.049
Mercury	AREA METALS-1	14	B192	0.050	mg/kg	no			0.05
Mercury	AREA METALS-1	14	B196	0.065	mg/kg	no			0.065
Mercury	AREA METALS-1	14	B197	0.04	mg/kg	no			0.04
Mercury	AREA METALS-1	14	B198	0.065	mg/kg	no			0.065
Mercury	AREA METALS-1	14	B204	0.026	mg/kg	no			0.026
						Compliance Average Result:			**0.560**

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls; ND = Not Detected.
MDL = Method Detction Limit (shown only for "ND" Results); 0.5*MDL used for calculating average.
For samples with dilution factors greater than 1, "ND" results were not used (Dilution factors shown only for these cases).

Table 4-6
Compliance Analysis Results Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
VOCs						
Acrylonitrile	AREA VOC-1	1	mg/kg	Yes	1.100	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Chlorobenzene	AREA VOC-1	37	mg/kg	Yes	6.458	Compliance average below RDCSCC. No Further Action is warranted.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
SVOCs						
Benzo(a)anthracene	AREA SVOC-1	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(a)anthracene	AREA SVOC-2	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(a)anthracene	AREA SVOC-3	0.9	mg/kg	Yes	1.506	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Benzo(a)pyrene	AREA SVOC-1	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(a)pyrene	AREA SVOC-2	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(a)pyrene	AREA SVOC-3	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(b)fluoranthene	AREA SVOC-1	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Benzo(b)fluoranthene	AREA SVOC-2	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(b)fluoranthene	AREA SVOC-3	0.9	mg/kg	Yes	1.547	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Benzo(k)fluoranthene	AREA SVOC-1	0.9	mg/kg	Yes	1.028	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Benzo(k)fluoranthene	AREA SVOC-2	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Benzo(k)fluoranthene	AREA SVOC-3	0.9	mg/kg	Yes	1.143	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Chrysene	AREA SVOC-1	9	mg/kg	Yes	2.238	Compliance average below RDCSCC. No Further Action is warranted.
Chrysene	AREA SVOC-2	9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Chrysene	AREA SVOC-3	9	mg/kg	Yes	2.669	Compliance average below RDCSCC. No Further Action is warranted.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Dibenz(a,h)anthracene	AREA SVOC-1	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Dibenz(a,h)anthracene	AREA SVOC-2	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Dibenz(a,h)anthracene	AREA SVOC-3	0.66	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Indeno(1,2,3-cd)pyrene	AREA SVOC-1	0.9	mg/kg	Yes	0.900	Compliance average equals RDCSCC. No Further Action is warranted.
Indeno(1,2,3-cd)pyrene	AREA SVOC-2	0.9	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Indeno(1,2,3-cd)pyrene	AREA SVOC-3	0.9	mg/kg	Yes	0.934	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Pest/PCBs						
4,4'-DDE	AREA PESTPCB-1	2	mg/kg	Yes	0.768	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDT	AREA PESTPCB-1	2	mg/kg	Yes	1.630	Compliance average below RDCSCC. No Further Action is warranted.
4,4'-DDT	AREA PESTPCB-2	2	mg/kg	Yes	2.034	Compliance average marginally above RDCSCC (within 1 to 2 mg/kg). No Further Action is warranted.
Arochlor 1260	AREA PESTPCB-1	0.49	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Dieldrin	AREA PESTPCB-1	0.042	mg/kg	Yes	0.016	Compliance average below RDCSCC. No Further Action is warranted.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Metals						
Arsenic	AREA METALS-1	20	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Barium	AREA METALS-1	700	mg/kg	Yes	77.964	Compliance average below RDCSCC. No Further Action is warranted.
Beryllium	AREA METALS-1	2	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Cadmium	AREA METALS-1	39	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Copper	AREA METALS-1	600	mg/kg	Yes	57.867	Compliance average below RDCSCC. No Further Action is warranted.
Lead	AREA METALS-1	400	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.
Mercury	AREA METALS-1	14	mg/kg	Yes	0.560	Compliance average below RDCSCC. No Further Action is warranted.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

Table 4-6
Compliance Analysis Results Summary
M-3 Landfill
Fort Monmouth, New Jersey

Analyte Name	Compliance Average Area	RDCSCC	Units	Compliance Averaging Performed	Compliance Average Result	Compliance Analysis Result
Zinc	AREA METALS-1	1500	mg/kg	No		Given the scattered distribution of exceedances,site conditions, and limited public access to the site, No Further Action is warranted. The DPW will incorporate a document equivalent to a DER into the Fort Monmouth Master Plan.

Notes:
RDCSCC = Residential Direct Contact Cleanup Criteria pre N.J.A.C. 7:26D.
VOCs = Volatile Organic Compounds; SVOCs = Semi-Volatile Organic Compounds.
Pest/PCBs = Pesticides/Polychlorinated-Biphenyls.
DER = Declaration of Environmental Restriction.

FIGURES

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Geologic Map of New Jersey

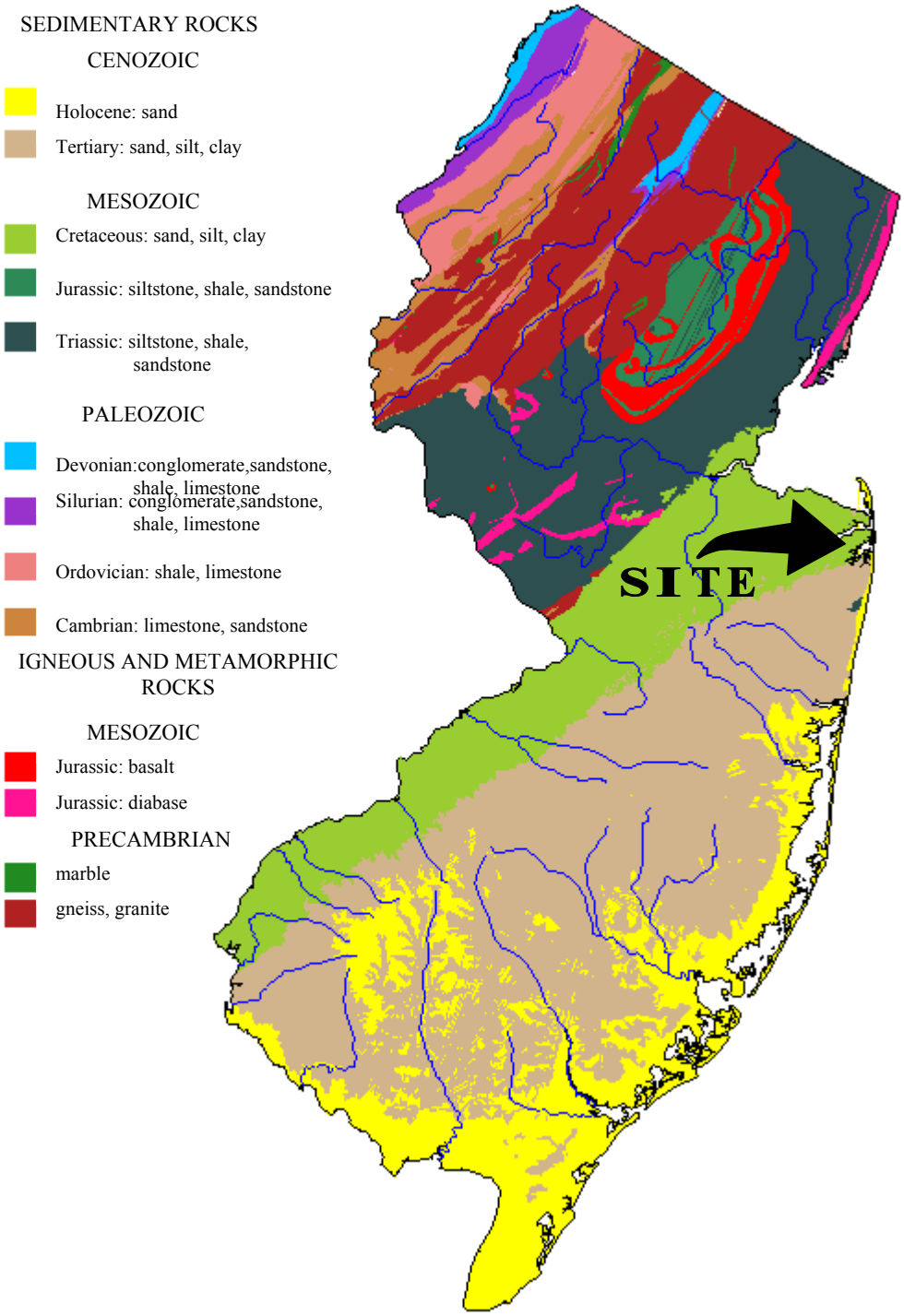
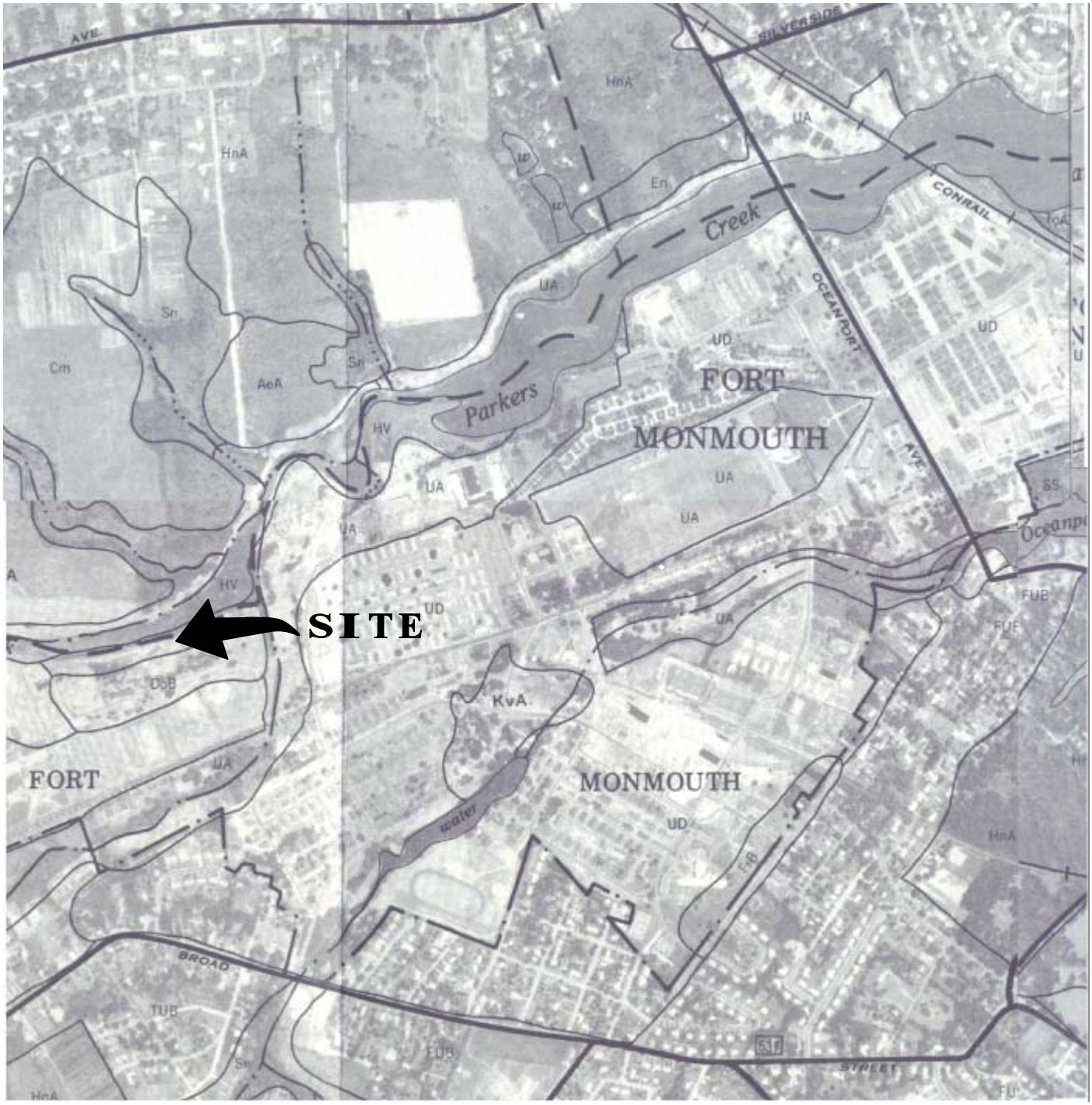


Figure 2-2
Geologic Map of New Jersey
M-3 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044
(215) 957-0955

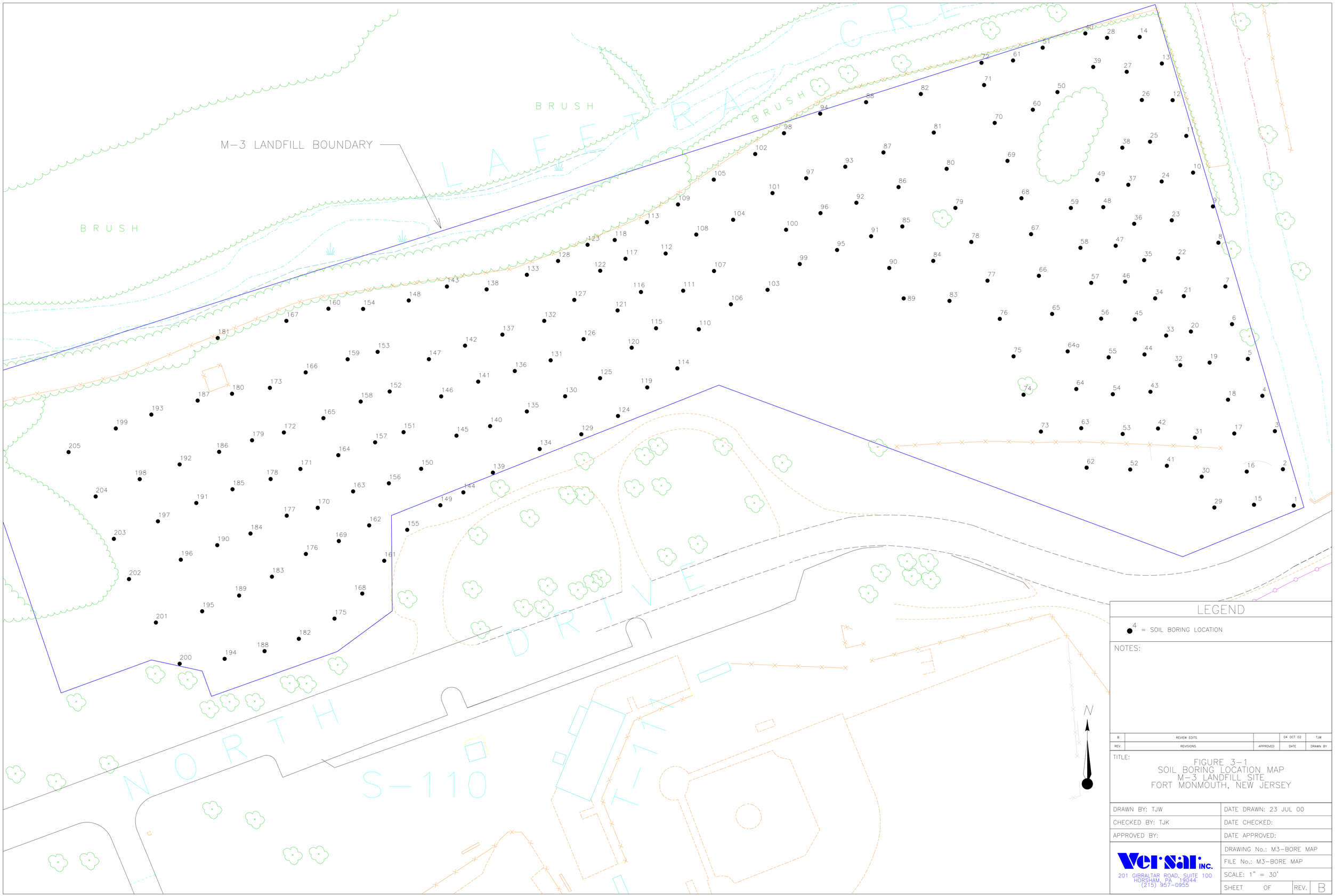
Source: New Jersey Gelolgic Survey, 1994, *Geologic Map of New Jersey*.



US Department of Agriculture
Soil Conservation Service
Soil Survey of Monmouth County, NJ
April 1989

Figure 2-3
Soil Map of Monmouth County
M-3 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044
(215) 957-0955



LEGEND

● 4 = SOIL BORING LOCATION

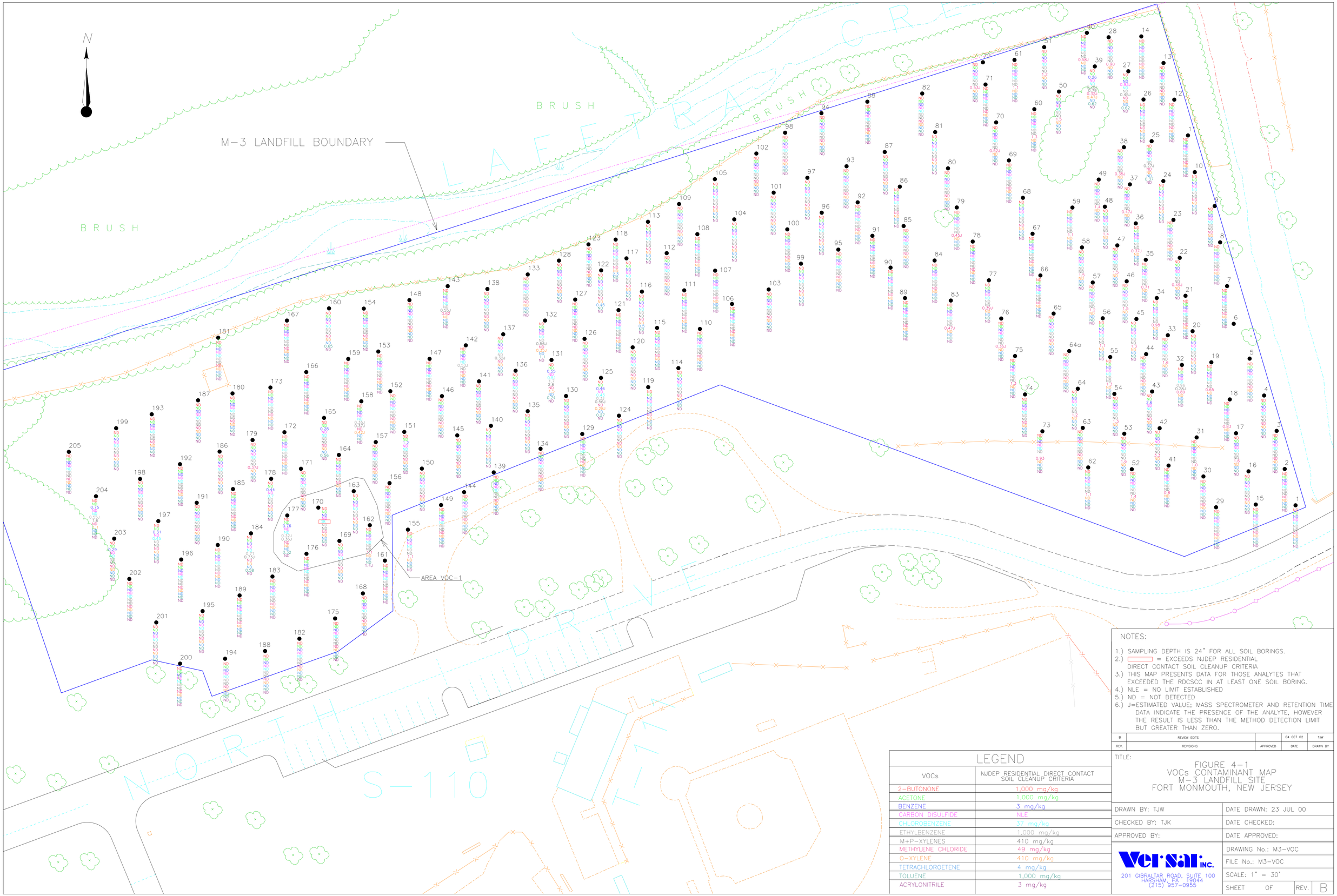
NOTES:

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		04 OCT 02	TJW

TITLE:

FIGURE 3-1
SOIL BORING LOCATION MAP
M-3 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
Versar INC. 201 GIBRALTAR ROAD, SUITE 100 HORSHAM, PA 19044 (215) 957-0955	DRAWING No.: M3-BORE MAP
	FILE No.: M3-BORE MAP
	SCALE: 1" = 30'
	SHEET OF REV. B



NOTES:

1.) SAMPLING DEPTH IS 24" FOR ALL SOIL BORINGS.
2.) ▭ = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THE RDCSCC IN AT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED
6.) J=ESTIMATED VALUE; MASS SPECTROMETER AND RETENTION TIME DATA INDICATE THE PRESENCE OF THE ANALYTE, HOWEVER THE RESULT IS LESS THAN THE METHOD DETECTION LIMIT BUT GREATER THAN ZERO.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		04 OCT 02	TJW

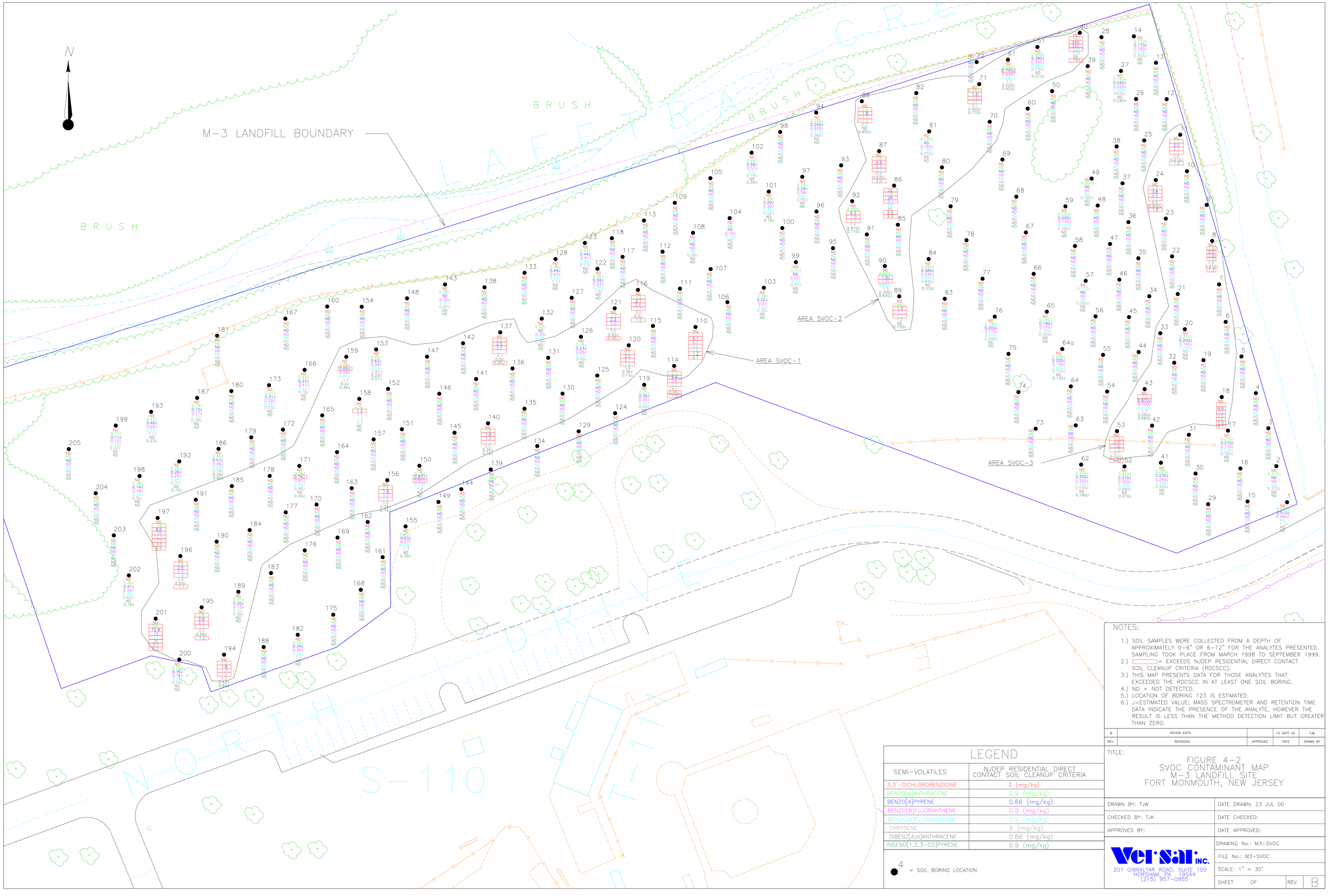
LEGEND

VOCs	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
2-BUTONONE	1,000 mg/kg
ACETONE	1,000 mg/kg
BENZENE	3 mg/kg
CARBON DISULFIDE	NLE
CHLOROBENZENE	37 mg/kg
ETHYLBENZENE	1,000 mg/kg
M+P-XYLENES	410 mg/kg
METHYLENE CHLORIDE	49 mg/kg
O-XYLENE	410 mg/kg
TETRACHLOROETENE	4 mg/kg
TOLUENE	1,000 mg/kg
ACRYLONITRILE	3 mg/kg

TITLE:

FIGURE 4-1
VOCs CONTAMINANT MAP
M-3 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
Ver-Sal INC. 201 GIBRALTAR ROAD, SUITE 100 HARSHAM, PA 19044 (215) 957-0955	DRAWING No.: M3-VOC
	FILE No.: M3-VOC
	SCALE: 1" = 30'
	SHEET OF REV. B



NOTES:

1.) SOIL SAMPLES WERE COLLECTED FROM A DEPTH OF APPROXIMATELY 0-6" OR 6-12" FOR THE ANALYTES PRESENTED. SAMPLING TOOK PLACE FROM MARCH 1998 TO SEPTEMBER 1999.
2.) ▭ = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA (RDCSCC).
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THE RDCSCC IN AT LEAST ONE SOIL BORING.
4.) ND = NOT DETECTED.
5.) LOCATION OF BORING 123 IS ESTIMATED.
6.) J=ESTIMATED VALUE; MASS SPECTROMETER AND RETENTION TIME DATA INDICATE THE PRESENCE OF THE ANALYTE, HOWEVER THE RESULT IS LESS THAN THE METHOD DETECTION LIMIT BUT GREATER THAN ZERO.

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		10 SEPT 02	TJW

LEGEND

SEMI-VOLATILES	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
3,3'-DICHLOROBENZIDINE	2 (mg/kg)
BENZO[A]ANTHRACENE	0.9 (mg/kg)
BENZO[A]PYRENE	0.66 (mg/kg)
BENZO[B]FLUORANTHENE	0.9 (mg/kg)
BENZO[K]FLUORANTHENE	0.9 (mg/kg)
CHRYSENE	9 (mg/kg)
DIBENZ[A,H]ANTHRACENE	0.66 (mg/kg)
INDENO[1,2,3-CD]PYRENE	0.9 (mg/kg)

● 4 = SOIL BORING LOCATION

TITLE:

FIGURE 4-2
SVOC CONTAMINANT MAP
M-3 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M3-SVOC
	FILE No.: M3-SVOC
	SCALE: 1" = 30'
	SHEET OF REV. B

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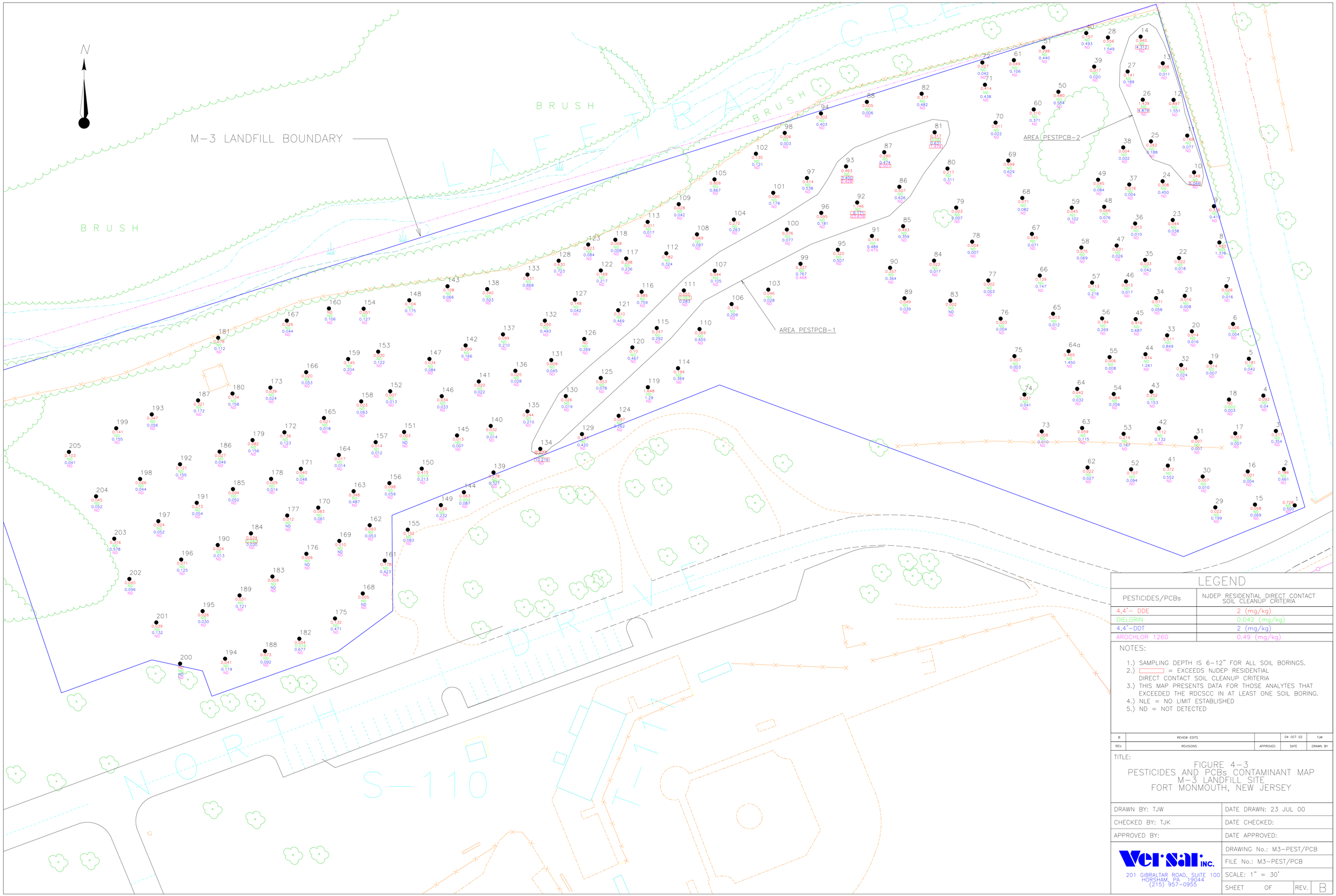
HORSHAM, PA 19044
(215) 957-0955



LEGEND

PESTICIDES/PCBs	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
4,4'- DDE	2 (mg/kg)
DIELDRIN	0.042 (mg/kg)
4,4'-DDT	2 (mg/kg)
AROCHLOR 1260	0.49 (mg/kg)

NOTES:

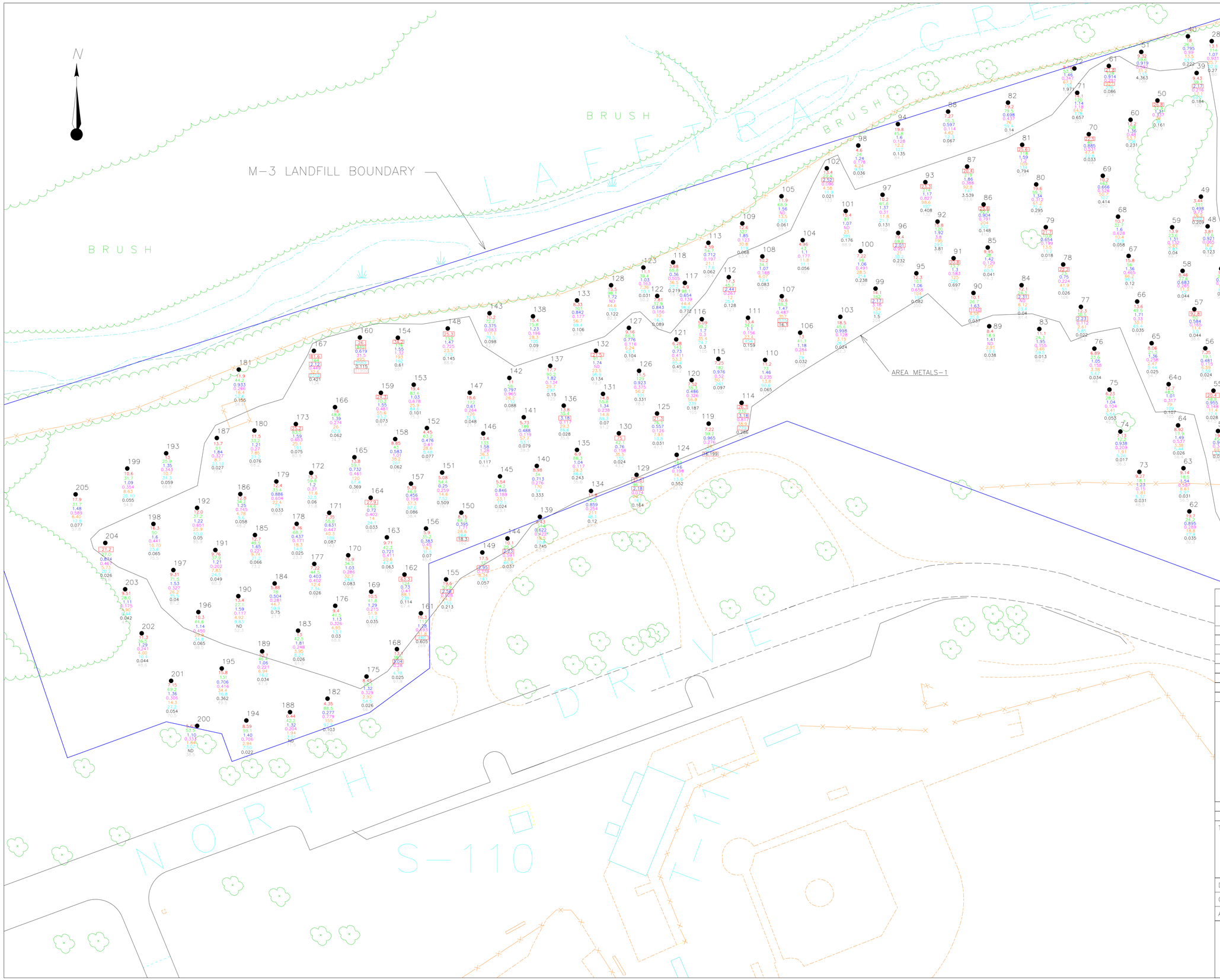
1.) SAMPLING DEPTH IS 6-12" FOR ALL SOIL BORINGS.
2.) ▭ = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THE RDCSCC IN AT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		04 OCT 02	TJW

TITLE:

FIGURE 4-3
PESTICIDES AND PCBs CONTAMINANT MAP
M-3 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
VerSar INC. 201 GIBRALTAR ROAD, SUITE 100 HORSHAM, PA 19044 (215) 957-0955	DRAWING No.: M3-PEST/PCB
	FILE No.: M3-PEST/PCB
	SCALE: 1" = 30'
	SHEET OF REV. B



LEGEND

METALS	NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
ARSENIC	20 (mg/kg)
BARIUM	700 (mg/kg)
BERYLLIUM	2 (mg/kg)
CADMIUM	39 (mg/kg)
COPPER	600 (mg/kg)
LEAD	400 (mg/kg)
MERCURY	14 (mg/kg)
ZINC	1500 (mg/kg)

NOTES:

1.) SAMPLING DEPTH IS 6-12" FOR ALL SOIL BORINGS.
2.) [ ] = EXCEEDS NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA
3.) THIS MAP PRESENTS DATA FOR THOSE ANALYTES THAT EXCEEDED THE RDCSCC IN AT LEAST ONE SOIL BORING.
4.) NLE = NO LIMIT ESTABLISHED
5.) ND = NOT DETECTED

REV.	REVISIONS	APPROVED	DATE	DRAWN BY
B	REVIEW EDITS		04 OCT 02	TJW

TITLE:

FIGURE 4-4
METALS CONTAMINANT MAP
M-3 LANDFILL SITE
FORT MONMOUTH, NEW JERSEY

DRAWN BY: TJW	DATE DRAWN: 23 JUL 00
CHECKED BY: TJK	DATE CHECKED:
APPROVED BY:	DATE APPROVED:
	DRAWING No.: M3-METALS
	FILE No.: M3-METALS
	SCALE: 1" = 30'
	SHEET OF REV. B

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201 GIBRALTAR ROAD, SUITE 100
HARSHAM, PA 19044
(215) 957-0955

Remedial Investigation Soil Sample Analysis
-Include Samples within Area of Concern, at same depth interval
-Do not average results exceeding 10,000 ppm total organic limit or 1,000 ppm total volatile limit

Contaminant Exceeds Soil Cleanup Criteria
(or Site-Specific Maximum)

CONTAMINANT SPECIFIC CONDITIONS

- Criterion <= 10 ppm: Result > lesser of (10*Criterion) & (Criterion + 50 ppm)?
- Criterion > 10 ppm & Criterion <= 100 ppm: Result > lesser of (5*Criterion) & (Criterion + 200 ppm)?
- Criterion > 100 ppm: Result > 2*Criterion?
- Arsenic or Thallium: Result > Established Site Specific Maximum?
- Benzo(a)pyrene and Dibenzo(a,h)anthracene: Result > 0.9 ppm?
- Beryllium: Result > 2 ppm?
- Exceptions - Contact NJDEP Case Manager: Bis(2-chloroethyl)ether, Hexachlorobenzene, N-nitrosodi-n-propylamine

YES → Does the average meet the following conditions for *de minimus* exceedance?

NO → *COMPLIANCE AVERAGING*

Calculate Average Results for Area of Concern
- Use Arithmetic Mean (for Total PCBs, take totals first, then calculate average).
- Use 1/2 MDL for non-detect ("ND") results (For Total PCBs, use 1/2 highest MDL).
- If a diluted sample has an "ND" result, do not use this result in calculating average.
- If a result is estimated ("J" qualifier), use the estimated value in calculating average.

Is avg. belowCriterion?

YES → Does the average meet the following conditions for *de minimus* exceedance?

YES → No Further Action

Does the average meet the following conditions for *de minimus* exceedance?
1) Contaminant levels meet same conditions as shown above for averaging (i.e. ceilings and multiplication factors based on criterion, arsenic/thallium, beryllium)
2) Contaminated soil within area of concern is confined to a 6-inch layer over 10 foot radius (or, if area is larger, site-specific factors lead to de minimus area determined)
3) Evaluation of contaminant mass, persistence, location indicates limited potential for significant human health or environmental impacts.
4) There is only one *de minimus* exemption per area of concern.

YES → No Further Action

NO → Are concentrations or compliance avg. MARGINALLY above criterion (within 1 or 2 mg/kg)?

YES → No Further Action

Are there potential human health or ecological effect?

NO → Incorporate Equivalent to DER into the Fort Monmouth Master Plan → No Further Action

YES → Consider Remedial Alternatives

Source: NJDEP *Site Remediation News*, Spring 1995 (Vol 7, No 2) - Article 08

Figure 4-5
Compliance Analysis Decision Tree
M-3 Landfill Site
Fort Monmouth, New Jersey

Versar INC.
201 Gibraltar Road, Suite 100
Horsham, PA 19044
(215) 957-0955

APPENDICES

APPENDIX A

DPW Proposal Letter to NJDEP defining RIR for Near Surface Soils at the M-3 Landfill Site, dated July 7, 1998

DEPARTMENT OF THE ARMY
Headquarters, U.S. Army Garrison Fort Monmouth
Fort Monmouth, New Jersey 07703 - 5101

REPLY TO
ATTENTION OF
Directorate of Public Works

July 7, 1998

State of New Jersey
Department of Environmental Protection
Division of Responsible Party Site Remediation
Bureau of Federal Case Management
ATTN: Ian Curtis
CN 028
Trenton, NJ 08625-0028

SUBJECT: Remedial Investigation of Landfill Cover Material

Re: NJDEP Correspondence (Dated April 4, 1996),
Remedial Investigation Report,
Fort Monmouth (Main Post and Charles Wood), NJ

U.S. Army Fort Monmouth
Directorate of Public Works Correspondence (Dated February 24, 1997)
Response to NJDEP Comments, Remedial Investigation Report
Fort Monmouth (Main Post and Charles Wood), NJ

Dear Mr. Curtis:

Based upon our recent discussions regarding ongoing remedial activities at Fort Monmouth, I'm writing this letter to reiterate the Directorate of Public Works (DPW) position regarding the landfill cover material which currently exists at nine former sanitary landfill sites. Eight of the nine landfill sites are located on the Main Post and the remaining site is located in the Charles Wood area. The nine former landfill sites are as follows: M-2, M-3, M-4, M-5, M-8, M-12, M-14, M-18 and CW-3A.

In a letter dated April 4, 1996, under the General Comments Section, Item # 1 - Landfills, you state that all base landfills must comply with NJ Solid Waste Management Act N.J.A.C. 7:26-2A et seq. If Fort Monmouth is able to document that the appropriate solid waste closure procedures were followed, no additional action is required other than the NJDEP approved monitoring. However, if an approved closure was not performed at the landfill, it is recommended that a minimum soil cover of one foot be extended over all areas of documented disposal activities. Also, the approximate boundaries must be established and annotated in the Declaration of Environmental Restriction.

A meeting was held at Fort Monmouth on May 14, 1996 to further discuss various issues of concern as referenced in your April 4, 1996 letter. During the course of the meeting a discussion ensued regarding the existing cover material at each of the closed landfill sites. At said time I stated that the DPW would be unable to document that the nine former landfill sites had been closed in accordance with N.J.A.C. 7:26-2A et seq. It should be noted however that the regulatory statue cited only refers to sanitary landfills operated on or after January 1, 1982. The last sanitary landfill (Site M-8) remaining in operation at Fort Monmouth was closed in October of 1981. Data presented in Table # 1 lists each of the nine landfill sites, approximate acreage and their dates of operation. At the time of closure, each landfill was covered with sufficient soil to properly cap the waste debris which was placed at the site. Cover materials were derived from both onsite and offsite. At present, the thickness of the cover material varies from site to site, but generally is at least one foot in thickness. In accordance with the data presented in Table # 1, the referenced landfills have been closed for a period of between seventeen and forty-two years. During the course of that time, each site has naturally vegetated. The existing vegetation provides both habitat and a food source for a variety of animal species. In addition, the existing vegetation plays a major role in controlling soil erosion. This is particularly important for sites bordering surface water bodies. Each of the former landfill sites are located adjacent to surface water bodies.

At the May 14, 1996 meeting, the DPW proposed to collect surface soil samples from each of the nine landfill sites to document that the existing cover material did not contain contaminant levels above the Residential Direct Contact Soil Cleanup Criteria and/or established background levels. This proposal was offered as an alternative approach to recovering the landfill sites with additional fill materials. Our alternative approach would prevent the destruction of the existing vegetation which in turn would displace numerous animal species and also result in significant soil erosion problems. Based upon your comments at the time of the meeting, you viewed our proposal as a favorable option. In order to move forward with the proposal, you advised us to submit our alternative approach in writing for view and comment. In a letter dated February 24, 1997, this proposal was formally submitted to you. As part of our write up, we specified that soil samples would be collected in accordance with the requirements set forth in N.J.A.C. 7:26E et seq. and the NJDEP Field Sampling Procedures Manual. The DPW would collect a distinct soil sample at thirty foot intervals within the boundaries of the former landfills. The DPW anticipates collecting approximately 1,900 samples not to include trip, field and duplicate samples. Each sample will be analyzed for TCL + 30 parameters and TAL metals.

The DPW has already made a significant investment in terms of buying new equipment and hiring additional laboratory personnel to initiate this project. To date, the DPW has spent $ 775,000.00 to implement the landfill cover study. We anticipate spending an additional $ 475,000.00 in fiscal year 1999 to complete said project. The DPW commenced sampling of the landfill cover material in March of 1998. Our estimated completion date for this project in terms of field sampling activities is April 30, 1999. Currently, the DPW plans on submitting separate Remedial Investigation Reports for each of the nine landfill sites. Numerical data shall be included within each report which accurately measures the thickness of the existing landfill cover material at each sampling location.

The overall purpose of this letter was to restate our position regarding the landfill cover material and to receive written NJDEP endorsement for our alternative approach method. In summary, we feel our approach will identify any potential areas of concern while protecting existing natural resources. Should you have any questions or concerns, the undersigned can be contacted at the following telephone number: (732) 532-6223.

Joseph M. Fallon

Joseph M. Fallon, CHMM
Environmental Protection Specialist
Directorate of Public Works

TABLE # 1

LANDFILL SITE	ACREAGE	ESTIMATED SAMPLES	YEAR OPEN	YEAR CLOSED
M-2	6.5	314.6	1964	1968
M-3	5.9	285.6	1959	1964
M-4	1.4	67.8	1955	1956
M-5	3.2	154.9	1952	1959
M-8	7.2	348.5	1962	1981
M-12	2.1	101.6	1950	1966
M-14	6.9	334	1965	1966
M-18	4.1	198.4	1968	1969
CW-3A	2.6	125.8	1942	1957

APPENDIX B

NJDEP Approval Letter to DPW for RIR for Near Surface Soils at the M-3 Landfill Site, dated August 10, 1998

State of New Jersey

Department of Environmental Protection

Christine Todd Whitman
Governor

Robert C. Shinn, Jr.
Commissioner

Mr. Joseph Fallon
Env. Protection Specialist
Directorate of Public Works
U.S. Army, Fort Monmouth
Fort Monmouth, NJ 07703

AUG 10 1998

Re: Landfill Remedial Investigation Letter
Fort Monmouth Army Base
Fort Monmouth, Monmouth County

Dear Mr. Fallon:

The NJDEP has received your letter of July 7, 1998 regarding the proposed investigation of the eight sanitary landfill sites located on the Main Post and one sanitary landfill located at the Charles Wood area. The NJDEP accepts the letter as submitted and proposed investigation.

Specifically, your letter proposes an investigation of the covers of the subject landfills which is expected to satisfy our concerns noted in our letter of April 4, 1996 and subsequent meeting of May 14, 1996. The information obtained from the investigation should satisfy any remaining questions regarding the landfills and their potential threat to human health and the environment.

In an effort to assure compliance with applicable regulations, I have discussed this case and associated issues with the Sukhdev Bhalla, Chief, Bureau of Landfill Engineering. According to Mr. Bhalla the proposed investigation satisfies New Jersey policy and procedure, as well as the Solid Waste Management Act. (N.J.A.C. 7:26-2A et seq.) requirements.

I look forward to the reviewing the subject report. If I can be of any further assistance, please do not hesitate to contact me at (609) 633-7232.

Sincerely,

Ian R. Curtis, Case Manager
Bureau of Federal Case Management
ICURTIS@DEP.STATE.NJ.US

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APPENDIX C

Roy F. Weston, Inc. Site Investigation Report, December 1995
Section 4.2.3 – Landfill 3 (M-3)

4.2.3 Landfill 3 (M-3)

4.2.3.1 Site Location

Landfill 3 (M-3) is located between North Drive and Lafetra Creek in the west-central part of the Main Post. The actual boundaries of the landfill are not clear, but have been approximated in Figure 4.2-7. The approximate area of site M-3 is 257,890 ft^2 (5.9 acres). Burning Area M-6, which is discussed later, is located within Landfill 3.

4.2.3.2 Site History

According to the IA, Landfill 3 was in use between 1959 and 1964, and was used for general purpose disposal of domestic and industrial wastes. The 1969 aerial photograph shows that, with the exception of a few areas with vehicle tracks, this area was covered with vegetation. At present, the surface is hummocky and covered with grass.

Landfill 3 (M-3) most likely contained materials similar to those generally found in other Main Post landfills. According to long-term Fort Monmouth employees, this landfill also contains wood and coal ash from furnaces and boilers.

As part of an NJPDES permit (permit No. 0057274), surface-water samples have been taken at two locations in Lafetra Creek since February 1986. The results are summarized in the recent report (WESTON, 1993). One VOC (tetrachloroethene) was detected in concentrations above the NJDEP surface-water criteria.

4.2.3.3 Sampling Effort

Surface geophysics surveys were conducted to confirm the location and investigate the extent of the former landfill. First, a magnetometer survey, including both vertical magnetic gradient and total magnetic field, was conducted. After completion of the magnetometer survey, GPR was used in accessible areas to provide additional definition of landfill boundaries.

The source of the HHCs detected in surface-water samples from a previous investigation could not be determined (WESTON, 1993). Therefore, surface-water locations M6SW-1 and M10SW-1 on Lafetra Creek were sampled (Figure 4.2-6). In addition, three monitor well locations (MW-4 through MW-6), as shown in Figure 4.2-7, were installed. The location of monitor well M-6 was slightly adjusted based on the geophysical interpretations. The well was repositioned to monitor groundwater quality downgradient of the exposed drum area. The monitor wells were sampled twice and surface-water locations were sampled once for TCL +30 parameters, TAL metals, and cyanide.

4.2.3.4 Geophysical Results

The magnetometer survey performed at M-3 indicated buried ferrous material, as depicted in Figures 4.2-8 and 4.2-9, within the suspected boundary of the landfill. The total magnetic field contour plot (Figure 4.2-8) shows background readings of approximately 54,000 nT and is represented by the green contour interval. High and low excursions from this value, represented by the violet and blue contour intervals, respectively, reveal anomalous magnetic signatures indicative of buried ferrous objects. The boundary between the background and anomalous magnetic readings is interpreted as the landfill boundary. Cultural features along the north side of the site include buried and overhead power lines and a chainlink fence. These features limited the magnetic data acquisition and anomalous magnetic influences that could be seen on the magnetic gradient plot (shown in Figure 4.2-9). The northern edge of the plot shows these cultural anomalies as a "low" reading from background, and is represented by the blue contour interval.

The GPR survey performed at M-3 confirmed the potential landfill boundary and expanded the geophysical survey underneath the overhead power lines and up to the northern fenceline. The GPR system is not heavily influenced by these types of cultural features like magnetometer methods. A typical radar profile, such as along the 600E traverse, reveals "normal" horizontal reflectors, indicative of nonfill areas, from 100S to approximately 100N (Figure 4.2-9A). Continuing from 65N to 160N the radar waveform becomes very chaotic in nature. This chaotic waveform is typical of buried waste material.

Hyperbolic radar signatures, typical of buried drums, were observed in the vicinity of grid coordinate 160N/800E. This was confirmed visually by observing a partially exposed drum at the surface at approximately 160N/800E. As shown on the radar profile in Figure 4.2-9B, the hyperbolic waveforms are found within chaotic radar reflectors. With the exception of these hyperbolic radar signatures, the geophysical surveys indicate that the waste material is within the suspected landfill boundary. Monitor wells have been installed in appropriate locations to monitor groundwater quality upgradient and downgradient of the site.

4.2.3.5 Hydrogeologic Interpretation

Lithologic logs from MW-5 and MW-6 indicate that the lithology consists of a thin soil cover (0.3 ft) underlain by fill material. The components of the filled materials observed in both borings consisted of a black slag material with camera film, rebar, and paper debris. Natural quartz sand, gravel, silt, and clay were intermixed with the manmade materials. MW-4 is located upgradient of the fill locations and consists of tight olive-green silty fine-grained sand with a clay matrix.

Groundwater saturation was observed in the borehole during drilling activities between 8 and 10 ft bgs. Monitor wells were screened across the water table, and total depths varied from approximately 23, 16, and 15 ft bgs in MW-4, MW-5, and MW-6, respectively. Water-level elevation data measured on 6 March 1995, indicate that local groundwater flow is to the north in the direction of Lafetra Creek (Figure 4.2-10). Based on groundwater elevation measurements, monitor wells MW-5 and MW-6 are downgradient of the site M-3 area.

4.2.3.6 Groundwater Sampling Results

Monitor wells at site M-3 were sampled for the analytical parameters listed in Table 3.8-1. The analytical results for groundwater samples from the individual sampling rounds are listed in Appendix D. Table 4.2-5 compares the average concentrations of the detected compounds from the February and March sampling rounds with the NJDEP GWQC, and then compares the results to subsequent site-specific maximum background and/or Monmouth County background

Table 4.2-5
Fort Monmouth - Main Post
Summary of Average Concentrations of Detected Compounds in Groundwater - Site M-3

COMPOUND	METHOD DETECTION LIMIT (µg/L)	NJDEP GROUNDWATER QUALITY CRITERIA (µg/L)	MAXIMUM BACKGROUND CONCENTRATION (µg/L)	ANALYTICAL RESULTS (µg/L) SAMPLING DATE		
				MW4 2/16/95, 3/8/95 (avg.)	MW5 2/16/95, 3/9/95 (avg.)	MW6 2/16/95, 3/9/95 (avg.)
VOC's (µg/L)						
Chlorobenzene	2.7	4	ND	ND	**5 J**	ND
Toluene	2.7	1000	ND	ND	4.5 J	4 J
SVOCs (µg/L)						
4-Methylphenol	12.9	NLE	ND	ND	4 J	ND
Naphthalene	8.4	NLE	ND	ND	3 J	ND
2-Methylnaphthalene	8.7	NLE	ND	ND	1.5 J	ND
Acenaphthene	6.0	400	ND	ND	2 J	ND
Fluorene	6.3	300	ND	ND	1.5 J	ND
Phenanthrene	5.0	NLE	ND	ND	3 J	ND
Anthracene	4.6	2000	ND	ND	3 J	ND
Pyrene	5.4	200	ND	ND	3 J	ND
bis-(2-Ethylhexyl)phthalate	9.7	30*	100B	ND	ND	4 J
Carbazol	4.4	NLE	ND	ND	3 J	ND
METALS TOTAL (µg/L)						
Aluminum	24.0	200	121000	**705**	**2494**	**474**
Arsenic	1.9	8*	89.3	1.425	2.625	ND
Barium	1.7	2000	699	47.4	584	124
Calcium	10.4	NLE	45400	33750	95600	122500
Cadmium	2.8	4	9.5	ND	2.825	ND
Cobalt	3.0	NLE	18.3	ND	2.075	ND
Chromium	2.9	100	191	9.05	20.1	7.75
Copper	1.9	1000	730[1]	2	22.7	ND
Iron	6.4	300	431000	**2965**	**89850**	**20500**
Mercury	0.2	2	0.26	ND	0.365	ND
Potassium	685	NLE	137000	7825	13300	10300
Magnesium	18.3	NLE	62700	4590	17950	28800
Manganese	1.8	50	480[1]	34.3	**1115**	**686**
Sodium	30.5	50000	197000[1]	13150	15800	34300
Nickel	10.8	100	187	4	ND	ND
Lead	1.6	10*	22.7	ND	**78.3**	**21.2**
Vanadium	2.3	NLE	108	3.3	12	3.625
Zinc	3.8	5000	233	17.85	234.05	62.05

Compounds exceeding NJDEP groundwater quality criteria are noted by bold numbers
NJDEP groundwater quality criteria consist of the higher number between the PQL or STANDARD
*PQL - Practical Quantitation Limit was used as the NJDEP groundwater quality criteria.
NLE - No Level Established
ND - Indicates that the compound was not detected at the noted quantification limit
J - Indicates that the concentration value was estimated due to detection at or near the quantification limits
[1] - Monmouth County maximum background concentration.

concentrations, where appropriate. Figure 4.2-11 presents the locations and average concentrations of compounds detected above the NJDEP GWQC, and above both site-specific and Monmouth County background concentrations established at the Main Post.

VOCs

Although chlorobenzene was detected below the laboratory quantitation limit but above the method detection limit in a sample collected at MW-5 from the March sampling round, the value slightly exceeds the NJDEP GWQC. As discussed in Subsection 4.1, the analytical results that are reported with a "J" are estimated values that are below the quantitation limit but above the method detection limit.

SVOCs

SVOCs were not detected above laboratory quantitation limits in the site monitor wells from either sampling round. The levels of compounds that could be estimated (below the laboratory quantitation limit) were well below the NJDEP GWQC, where established.

Pesticides/PCBs

Pesticides/PCBs were not detected in the site monitor wells from either sampling round.

Metals

As indicated in Table 4.2-5, of the 18 metals detected in site groundwater, 4 metals (aluminum, iron, manganese, and lead) were found in concentrations exceeding the NJDEP GWQC. However, aluminum and iron were found in concentrations below those determined for site-specific and/or Monmouth County background. Manganese was detected (at MW-5 and MW-6) in concentrations greater than the site-specific and Monmouth County background levels. In addition, lead was found in concentrations greater than those determined for maximum background in MW-5 (Figure 4.2-11), but below background in MW-6. However, lead was not

detected in the filtered sample above NJDEP GWQC. As discussed in Subsection 4.1, groundwater flowing through glauconitic formations contains abundant manganese. In addition, manganese is a common metal found in tidally influenced environments. Therefore, manganese is not identified as a compound of concern. The relatively high sodium concentrations in groundwater samples from site M-3 are from saltwater intrusion from the Parkers Creek estuary via Lafetra Creek.

Cyanide

Cyanide was analyzed for but not detected in the site monitor wells from either sampling round.

4.2.3.7 Surface-Water Sampling Results

Two surface-water samples were collected at M-3: M10SW-1 and M6SW-1 (Figures 4.2-6 and 4.2-7). M10SW-1 is upgradient of M-3 and M6SW-1 is downgradient. Both samples were determined to be saltwater, based on conductivity results and field observations. Total (unfiltered) and soluble (filtered) concentrations were compared to NJDEP saltwater criteria and background and are presented in Table 4.2-6.

VOCs

VOCs were analyzed for but were not detected in site surface-water samples.

SVOCs

SVOCs were analyzed for but were not detected in site surface-water samples.

Pesticides/PCBs

Pesticides/PCBs were analyzed for but were not detected in site surface-water samples.

Table 4.2-6
Summary of Detected Compounds in Site Surface Water
Total and Soluble - Site M-3

COMPOUND	METHOD DETECTION LIMIT	NJDEP SURFACE WATER CRITERIA[a] SALINE WATER	MAXIMUM BACKGROUND CONCENTRATION (TOTAL)	MAXIMUM BACKGROUND CONCENTRATION (SOLUBLE)	ANALYTICAL RESULTS (µg/L) 12/1/94			
					MP6SW-1 (Total)	MP6SW-1 (Soluble)	M10SW-1 (Total)	M10SW-1 (Soluble)
METALS TOTAL (µg/L)								
Aluminum	26.7	NLE	748	ND	179	ND	69	ND
Barium	2.1	NLE	44.7	39.4	33.3	27.7	34.6	29.1
Calcium	12	NLE	31600	30900	32100	30400	30000	29400
Copper	2.4	NLE	32	4	ND	4.3	ND	3.9
Iron	4.7	NLE	6210	405	2940	465	2180	355
Lead	1.6	NLE	10	ND	4.8	ND	1.6	ND
Magnesium	38.2	NLE	5440	5120	9790	9030	5340	5160
Manganese	2.0	100 (h)	113	98.6	**102**	94.3	98.7	96.2
Potassium	821	NLE	5060	4280	6260	5840	4320	4280
Selenium	0.9	NLE	ND	ND	1.1	ND	ND	ND
Sodium	15.4	NLE	26700	26200	56500	52300	18200	17700
Zinc	2.8	NLE	35.1	23.8	12.2	7.8	16	7.9

[a] - NJDEP Surface Water Quality Standards (1993).
h -Non carcinogen effect-based human health criteria as a 30 day average.
ND - Indicates that the compound was not detected at the noted quantification limit.
NLE - No Level Established
Compounds dectected above NJDEP Surface Water Criteria are bolded.

Metals

As indicated in Table 4.2-6, of the 12 metals detected in site surface water, only one (manganese, unfiltered) was found in a concentration slightly exceeding the NJDEP surface-water criteria (saline) in sample MP6SW1. However, the concentration of manganese was detected below the maximum background levels established at the Main Post for total metals. In addition, manganese was found in a concentration below the established criteria and background in the filtered sample.

As presented in Table 4.2-6 (soluble), no soluble concentrations of contaminants detected in M6SW-1 surface-water were greater than NJDEP surface-water criteria.

None of the total or soluble concentrations of chemicals detected in M10SW-1 surface water exceeded NJDEP surface-water guidance (Table 4.2-6 total and soluble).

4.2.3.8 Recommendations

The geophysical surveys indicate that the extent of the identified waste material is within the suspected boundaries of the landfill and the monitor wells have been installed in appropriate locations to monitor shallow groundwater quality upgradient and downgradient of the site. In an isolated area of the site the GPR results indicated hyperbolic radar signatures typical of a buried drum or drums. A partially exposed drum was also observed at this location.

Groundwater quality results indicate that chlorobenzene was detected in one downgradient well below laboratory quantitation limits, but just above NJDEP GWQC and background from one sampling round. Lead was also detected at levels above NJDEP GWQC and background.

The surface-water quality results indicate that no organic or inorganic concentrations exceeded both NJDEP surface-water criteria and the maximum background concentration. Because the site formerly had an NJPDES permit, surface water has been sampled since 1986. The results from

the current round of surface-water sampling for VOCs are less than the maximum results from previous rounds.

Although NJDEP groundwater criteria were exceeded for one VOC, immediate remedial action is not required for several reasons. First, the measured value for the VOC was below the quantitation limit and just slightly above the GWQC. In addition, the groundwater flows toward Lafetra Creek, and since the water table is higher than the creek bed and groundwater flow tends to follow surface topography, the shallow groundwater probably flows into Lafetra Creek. There are no uses of groundwater between the source and Lafetra Creek. Surface-water samples did not exceed NJDEP surface-water criteria. Therefore, there is no immediate threat to human health.

In addition, because surface-water sampling has been performed at this site since 1986, and the landfill has not been used for decades, the concentrations of VOCs seem, at worst, to be stable and possibly decreasing. Presumably, since no material is being added to the source (the landfill), natural degradation will decrease groundwater and surface-water contamination levels in the future.

Since the existing monitor wells and surface-water sampling locations are adequately placed to monitor downgradient groundwater and surface water, DPW proposes that a long-term surface-water and groundwater monitoring program be developed and implemented for the site. Aqueous samples would be collected and analyzed on a quarterly basis to further evaluate water quality conditions at the site. Groundwater samples would be collected from existing monitor wells, and surface-water samples would be collected from points yet to be determined. Compounds of concern identified in the first two rounds of sampling would be the targeted for the monitoring program.

The partially exposed drum will be excavated. The area immediately around and under the drum will be investigated for additional drums. Any excavated drums will be examined to determine if hazardous materials were present or still exist. The drum and the excavation will be monitored with a photoionization detector (PID). NJDEP will be requested to send a representative to

monitor the excavation. If there is no indication that the drum contained, or still contains, hazardous materials and if elevated readings are not observed on the PID, the excavation will be backfilled and no further action will be taken. If contamination is identified, additional sampling will be conducted in accordance with the *Technical Requirements for Site Remediation* (NJDEP, 1993).

APPENDIX D

Soil Boring Samples Laboratory Analytical Data Sheets

CHAIN OF CUSTODY

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 HNU w/ 100 ppm ISOBUT. O.K. (MW)

Lab Sample I.D.		Sample Location		Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTCB	PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3923	1	TRIP BLANK		9-29-98	—	METH.	1	X					V0090	0 ppm	<4°C
	2	M-3-1	6-12"		0900	SOIL	2		X	X	X			"	
	3	"	24"		0905			X			X		V0100	"	
	4	M-3-2	6-12"		0920				X	X	X			"	
	5	"	24"		0925			X			X		V0101	"	
	6	M-3-3	6-12"		0940				X	X	X			"	
	7	"	24"		0945			X			X		V0102	"	
	8	M-3-4	6-12"		0955				X	X	X			"	
	9	"	24"		1000			X			X		V0103	"	
	10	M-3-5	6-12"		1015				X	X	X			"	
	11	"	24"		1025			X			X		V0104	"	
	12	M-3-6	6-12"		~~1114~~ 1055 (MW)				X	X	X			"	
	13	"	24"		1100 ~~1116~~ (MW)			X			X		V0105	"	
	14	M-3-7	6-12"		1114				X	X	X			"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	9-24-98 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: LOT # 40Z – 52898
LOT # 2 OZ – 72398

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3923 15	M-3-7 - 24"	9-29-98	1118	soil	2	X			X	V0106	0 PPM	<4°C
16	M-3-8 - 6-12"		1128				X	X	X			
17	" - 24"		1130			X			X	V0107		
18	M-3-9 - 6-12"		1150				X	X	X			
19	" - 24"		1153			X			X	V0108		
20	M-3-10 - 6-12"		1204				X	X	X			
21	" - 24"		1207			X			X	V0109		
22	M-3-11 - 6-12"		1315				X	X	X			
23	" - 24"		1320			X			X	V0110		
24	M-3-12 - 6-12"		1340				X	X	X			
25	" - 24"		1345			X			X	V0111		
26	M-3-13 - 6-12"		1359				X	X	X			
27	" - 24"		1403			X			X	V0112		
28	M-3-14 - 6-12"		1417				X	X	X			

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	9-29-98 1530	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: FROM B-12 LOT # 4 oz = 6-2398
FROM B-14 LOT # 2 oz = 72398

Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3923. 29	M-3-14 24"	9-29-98	1422	Soil	2	X			X	V0113		<4°C
30	M-3 15 6-12"	↓	1440	↓	↓		X	X	X			↓
31	" 24"	↓	1445	↓	↓	X			X	V0114		↓
32	M-3-16 6-12"	↓	1500	↓	↓		X	X	X			↓
33	" 24"	↓	1505	↓	↓	X			X	V0115		↓

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	9-29-98 1530	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 Landfill

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/ 100 PPM ISOBUT. O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3929. 1	TRIP BLANK	9-30-98	–	METH.	1	X				V0116	0 PPM	<4oc
2	M-3-17 6-12"		0910	SOIL	2		X	X	X		"	
3	" 24"		0915			X			X	V0117	"	
4	M-3-18 6-12"		0935				X	X	X		"	
5	" 24"		0940			X			X	V0118	"	
6	M-3-19 6-12"		0956				X	X	X		"	
7	" 24"		1000			X			X	V0119	"	
8	M-3-20 6-12"		1025				X	X	X		"	
9	" 24"		1035			X			X	V0120	"	
10	M-3-21 6-12"		1057				X	X	X		"	
11	" 24"		1100			X			X	V0121	"	
12	M-3-22 6-12"		1126				X	X	X		"	
13	" 24		1130			X			X	V0122	"	
14	M-3-23 6-12"		1145				X	X	X		"	

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[signature]	9-30-98 1520	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: LOT # 4 OZ. – 62398
LOT. # 2 OZ. – 72398

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 - LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location		Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3929. 15	M-3-23	24"	9-30-98	1148	soil	2	X			X	V0123	9PM	<4°C
16	M-3-24	6-12"		1158				X	X	X			
17	"	24"		1201			X			X	V0124		
18	M-3-25	6-12"		1305				X	X	X			
19	"	24"		1310			X			X	V0125		
20	M-3-26	6-12"		1320				X	X	X			
21	"	24"		1325			X			X	V0126		
22	M-3-~~26~~ 27 ML	6-12"		1355				X	X	X			
23	"	24"		1400			X			X	V0127		
24	M-3-28	6-12"		1415				X	X	X			
25	"	24"		1420			X			X	V0128		
26	M-3-29	6-12"		1439				X	X	X			
27	"	24"		1444			X			X	V0129		Cancelled Broken In Lab 9/30/98 *
28	M-3-30	6-12"		1453				X	X	X			

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[signature]	9-30-98 1520	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks: * Sample Broken In Lab.

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3929. 29	M-3-30 24"	9-30-98	1456	Soil	2	X			X	V0130		<4°c
30	M-3-31 6-12"	↓	1504	↓	↓		X	X	X			↓
31	" 24"	↓	1508	↓	↓	X			X	V0141		↓
32	~~Field Blank~~ Field Dup (4) 6-12"	↓	—	↓	↓		X	X	X			↓
33	" 24"	↓	—	↓	↓	X			X	V0142		↓

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[signature]	9-30-98 1520	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 - LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/100 PPM ISOBUT.

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3984 1	M-3 TRIP BLANK	10-19-98	—	MEOH.	1	X				V00179		<4°C
2	M-3-32 - 6-12"		1030	SOIL	2		X	X	X		0 PPM	
3	" - 24"		"			X			X	V00180	"	
4	M-3-33 - 6-12"		1050				X	X	X		"	
5	" - 24"		"			X			X	V00181	"	
6	M-3-34 - 6-12"		1107				X	X	X		"	
7	" - 24"		"			X			X	V00182	"	
8	M-3-35 - 6-12"		1122				X	X	X		"	
9	" - 24"		"			X			X	V00183	"	
10	M-3-36 - 6-12"		1136				X	X	X			
11	" - 24"		"			X			X	V00184		
12	M-3-37 - 6-12"		1153				X	X	X			
13	" - 24"		"			X			X	V00185		
14	M-3-38 - 6-12"		1302				X	X	X			

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[signature]	10-19-98 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: 2 oz. LOT # 72398
4 oz LOT # 92298

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 Landfill

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3984 . 15	M-3-38 - 24"	10-19-98	1302	soil	2	X			X	V00186	0 PPM	
16	M-3-39 - 6-12"		1326				X	X	X		"	
17	" - 24"		"			X			X	V00187	"	
18	M-3-40 - 6-12"		1355				X	X	X		"	
19	" - 24"		"			X			X	V00188	"	
20	M-3-41 - ~~6-12~~ 6-12"		1450				X	X	X		"	
21	" - 24"		"			X			X	V00189	"	
22	M-3-42 - 6-12"		1510				X	X	X		"	
23	" - 24		"			X			X	V00190	"	
24	M-3-43 - 6-12"		1525				X	X	X			
25	" - 24"		"			X			X	V00191		
26	M-3-44 - 6-12"		1540				X	X	X			
27	" - 24"		"			X			X	V00192		

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[signature]	10-19-98 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/ ISOBUT. 100 PPM (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3989. 1	TRIP BLANK	10-20-98	—	METH.	1	X				V00193		<4°C
2	M-3-45 - 6-12"		0942	SOIL	2		X	X	X		0 PPM	
3	" - 24"		"			X			X	V00194	"	
4	M-3-46 - 6-12"		1005				X	X	X		"	
5	" - 24"		"			X			X	V00195	"	
6	M-3-47 - 6-12"		1028				X	X	X		"	
7	" - 24"		"			X			X	V00196	"	
8	M-3-48 - 6-12"		1048				X	X	X		"	
9	" - 24"		"			X			X	V00197	"	
10	M-3-~~50~~ 49 (MW) - 6-12"		1108				X	X	X		"	
11	" - 24"		"			X			X	V00198	"	
12	M-3-50 - 6-12"		1130				X	X	X		"	
13	" - 24"		"			X			X	V00199	"	
14	M-3-~~52~~ 51 (MW) - 6-12"		1200				X	X	X		"	

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[signature]	10-20-98 730	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: 2 oz. 4 oz. > LOT # 92298

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Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3989 15	M-3-51 - 24"	10-20-98	1200	soil	2	X			X	V00200	0 PPM	4°C
16	M-3-52 - 6-12"		1320				X	X	X		"	
17	" - 24"		"			X			X	V00201	"	
18	M-3-53 - 6-12"		1343				X	X	X		"	
19	" - 24"		"			X			X	V00202	"	
20	M-3-54 - 6-12"		1358				X	X	X		"	
21	" - 24"		"			X			X	V00203	"	
22	M-3-55 - 6-12"		1415				X	X	X		"	
23	" - 24"		"			X			X	V00204	"	
24	M-3-56 - 6-12"		1430				X	X	X		"	
25	" - 24"		"			X			X	V00205	"	
26	M-3-57 - 6-12"		1448				X	X	X		"	
27	" - 24"		"			X			X	V00206	"	
28	M-3-58 - 6-12"		1515				X	X	X		"	

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[signature]	10-21-98 730	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3989 . 29	M-3-58 – 24"	10-20-98	1515	soil	2	X			X	V00207	0 ppm	<4°C
30	M-3-59 – 6-12"		1530				X	X	X		"	
31	" – 24"		"			X			X	V00208	"	
32	M-3-60 – 6-12"		1555				X	X	X		"	
33	" – 24"		"			X			X	V00209	"	
34	M-3-61 – 6-12"		~~1640~~ 1617				X	X	X		"	
35	" – 24"		"			X			X	V00210	"	
36	M-3-62 – 6-12"		1640				X	X	X		"	
37	" – 24"		"			X			X	V00211	"	
38	M-3-63 – 6-12"		1700				X	X	X		"	
39	" – 24"		"			X			X	V00212	"	
40	M-3-64 – 6-12"		1720				X	X	X			
41	" – 24"		"			X			X	V00213		
42	FIELD DUP. – 6-12"		—		1		X	X	X			

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[signature]	10-21-98 730	J. [signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3989 43	FIELD DUP. - 24"	10-20-98	—	SOIL	1	X			X	V00214		

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[signature]	10-21-98 730	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: see pg. 1

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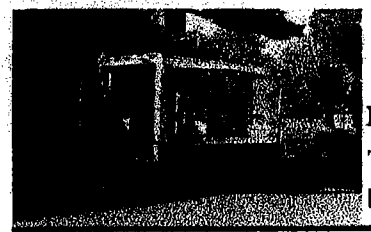

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Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3995. 1	M-3-29 — 24"	10-21-98	1425	SOIL	2	X			X	V00249		<4°C
	THIS WAS A RESAMPLE											
	THE SAMPLE ORIGINALLY											
	TAKEN ON 9-30-98											
	WAS DAMAGED											

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[signature]	10-21-98 1515	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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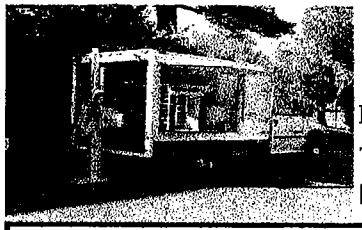

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Col #2 HNU

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3996. 1	TRIP BLANK	10-21-98	–	METH	1	X				V00215	–	24°C
2	M-3-64 (A) 6-12"		1017		2		X	X	X		0 PPM	
3	" – 24"		"			X			X	V00216	"	
4	M-3-65 – 6-12"		1035				X	X	X		"	
5	" – 24"		"			X			X	V00217	"	
6	M-3-66 – 6-12"		1054				X	X	X		"	
7	" – 24"		"			X			X	V00218	"	
8	M-3-67 – 6-12"		1118				X	X	X		"	
9	" – 24"		"			X			X	V00219	"	
10	M-3-68 – 6-12"		1143				X	X	X		"	
11	" – 24"		"			X			X	V00220	"	
12	M-3-69 – 6-12"		1200				X	X	X			
13	" – 24"		"			X			X	V00221		
14	M-3-70 – 6-12"		1325				X	X	X			

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Mark Laura	10-21-98 1545	J. Vergilia			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 - LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
3996. 15	M-3 70 - 24"	10-21-98	1325	soil	2	X			X	V00222	0 ppm	<4°C
16	M-3 71 - 6-12"		1345				X	X	X		"	
17	" - 24"		"			X			X	V00223	"	
18	M-3 72 - 6-12"		1400				X	X	X		"	
19	" - 24"		"			X			X	V00224	"	
20	M-3 73 - 6-12"		1448				X	X	X		"	
21	" - 24"		"			X			X	V00225	"	
22	M-3 - 74 - 6-12"		1510				X	X	X		"	
23	" - 24"		"			X			X	V00226	"	
24	FIELD DUP - 6-12"		—				X	X	X		"	
25	" - 24"		—			X			X	V00250	"	

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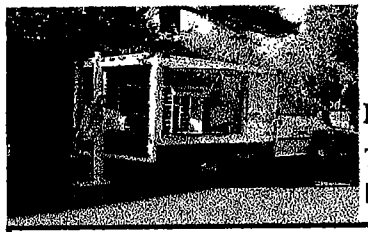
[signature]	10-21-98 1545	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:



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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4007 1	TRIP BLANK	10-26-98	–	METH.	1	X				V00227		<4°C
2	M-3-75 – 6-12"		0925	SOIL	2		X	X	X		0 PPM	
3	" – 24"		"			X			X	V00228	"	
4	M-3-76 – 6-12"		0940				X	X	X		"	
5	" – 24"		"			X			X	V00229	"	
6	M-3-77 – 6-12"		0958				X	X	X		"	
7	" – 24"		"			X			X	V00230	"	
8	M-3-78 – 6-12"		1012				X	X	X		"	
9	" – 24"		"			X			X	V00231	"	
10	M-3-79 – 6-12"		1028				X	X	X		"	
11	" – 24"		"			X			X	V00232	"	
12	M-3-80 – 6-12"		1057				X	X	X		"	
13	" – 24"		"			X			X	V00233	"	
14	M-3-81 – 6-12"		1116				X	X	X		"	

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[signature]	10-27-98 1550	Jackie Jones			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Received 10/26/98 Signed 10/27/98

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal #2 HNU OK (MK)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4007 15	M-3-81 - 24"	10-26-98	1116	soil	2	X			X	V00234	0 ppm	<4°C
16	M-3-82 - 6-12"		1138				X	X	X		"	
17	" - 24"		"			X			X	V00235	"	
18	M-3-83 - 6-12"		1335				X	X	X		"	
19	" - 24"		"			X			X	V00236	"	
20	M-3-84 - 6-12"		1349				X	X	X		"	
21	" - 24"		"			X			X	V00237	"	
22	M-3-85 - 6-12"		1405				X	X	X		"	
23	" - 24"		"			X			X	V00238	"	
24	M-3-86 - 6-12"		1421				X	X	X		"	
25	" - 24"		"			X			X	V00239		
26	M-3-87 - 6-12"		1448				X	X	X			
27	" - 24"		"			X			X	V00240		
28	M-3-88 - 6-12"		1515				X	X	X			

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[signature]	10-27-98 1550	Jackie Hamer			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Rec'd 10/26 Signed 10/27

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 Landfill

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: See pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4007. 29	M-3-88 - 24"	10-26-98	1515	soil	2	X			X	V00241		4°C
30	M-3-89 - 6-12"	↓	1525	↓	↓		X	X	X			↓
31	" - 24"	↓	"	↓	↓	X			X	V00242		
							X					

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	10-27-98 1550	Jackie Homer			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks: Recd 10/27 26 Signed 10/27 JA 10/27

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNK OK (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB EPA ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4009. 1	TRIP BLANK	10-27-98	—	METH.	1	X				V00244	0PPM	4°C
2	M-3-90 - 6-12"		0908	SOIL	2		X	X	X			
3	" - 24"		"			X			X	V00245		
4	M-3-91 - 6-12"		0925				X	X	X			
5	" - 24"		"			X			X	V00246		
6	M-3-92 - 6-12"		0943				X	X	X			
7	" - 24"		"			X			X	V00247		
8	M-3-93 - 6-12"		1000				X	X	X			
9	" - 24"		"			X			X	V00248		
10	M-3-94 - 6-12"		1045				X	X	X			
11	" - 24"		"			X			X	V00251		
12	M-3-95 - 6-12"		1310				X	X	X			
13	" - 24"		"			X			X	V00252		
14	M-3-96 - 6-12"		1335				X	X	X			

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Mark Laura	10-27-98 1555	Jackie Tomas			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4009. 15	M-3-96 - 24"	10-27-98	1335	soil	2	X			X	V00253	0 ppm	
16	M-3-97 - 6-12"		1348				X	X	X			
17	" - 24"		"			X			X	V00254		
18	M-3-98 - 6-12"		1400				X	X	X			
19	" - 24"		"			X			X	V00255		
20	M-3-99 - 6-12"		1418				X	X	X			
21	" - 24"		"			X			X	V00256		
22	M-3-100 - 6-12"		1430				X	X	X			
23	" - 24"		"			X			X	V00257		
24	M-3-101 - 6-12"		1448				X	X	X			
25	" - 24"		"			X			X	V00258		
26	M-3-102 - 6-12"		1505				X	X	X			
27	" - 24"		"			X			X	V00259		
28	M-3-103 - 6-12"		1519				X	X	X			

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[signature]	10-27-98 1555	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4009. 29	M-3-103 - 24"	10-27-98	1519	SOIL	2	X			X	V00260	0ppm	<4°C
30	M-3-104 - 6-12"	↓	1534	↓	↓		X	X	X		"	↓
31	" - 24"	↓	"	↓	↓	X			X	V00261	"	↓
32	Field Dup - 6-12"	↓	-	↓	↓		X	X	X		"	↓
33	" - 24"	↓	-	↓	↓	X			X	V00274	"	↓

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[signature]	10-27-98 1555	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST	PCB AB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
40224 1	TRIP BLANK	11-2-98	–	METH.	1	X					V00269		
2	M-3-105 – 6-12"		0945	SOIL	2		X	X		X		0 PPM	<4°c
3	" – 24"		"	"	"	X				X	V00270	"	
4	M-3-106 – 6-12"		1000	"	"		X	X		X		"	
5	" – 24"		"	"	"	X				X	V00271	"	
6	M-3-107 – 6-12"		1018	"	"		X	X		X		"	
7	" – 24"		"	"	"	X				X	V00272	"	
8	M-3-108 – 6-12"		1030	"	"		X	X		X		"	
9	" – 24"		"	"	"	X				X	V00275	"	
10	M-3-109 – 6-12"		1050	"	"		X	X		X		"	
11	" – 24"		"	"	"	X				X	V00276	"	
12	M-3-110 – 6-12"		1113	"	"		X	X		X		"	
13	" – 24"		"	"	"	X				X	V00277	"	
14	M-3-111 – 6-12"		1130	"	"		X	X		X		"	

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[signature]	11-2-98 1535	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4024. 15	M-3-111-24"	11-2-98	1130	SOIL	2	X			X	V00278	0 PPM	<4°C
16	M-3-112-6-12"		1300	"	"		X	X	X		"	
17	" 24"		"	"	"	X			X	V00279	"	
18	M-3-113-6-12"		1325	"	"		X	X	X		"	
19	" - 24"		"	"	"	X			X	V00280	"	
20	M-3-114-6-12"		1338	"	"		X	X	X		"	
21	" - 24"		"	"	"	X			X	V00281	"	
22	M-3-115-6-12"		1409	"	"		X	X	X		"	
23	" - 24"		"	"	"	X			X	V00282	"	
24	M-3-116-6-12"		1420	"	"		X	X	X		"	
25	" - 24"		"	"	"	X			X	V00283	"	
26	M-3-117-6-12"		1450	"	"		X	X	X		"	
27	" - 24"		"	"	"	X			X	V00284	"	
28	M-3-118-6-12"		1505	"	"		X	X	X		"	

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[signature]	11-2-98 1535	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
40024. 29	M-3 - 118 - 24"	11-2-98	1505	soil	2	X			X	V00285	0 PPM	4oz
30	M-3 - 119 - 6-12"	"	1525	"	"		X	X	X		"	
31	" - 24"	"	"	"	"	X			X	V00256	"	

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	11-2-98 1535	J. Vergara			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU O.K. (ML)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4027. 1	TRIP BLANK	11-3-98	—	METH	1	X					V00287	—	<4°C
2	M-3-120 — 6-12"		1025	SOIL	2		X	X		X		0 PPM	
3	" — 24"		"	"	"	X				X	V00288	"	
4	M-3-121 — 6-12"		1040	"	"		X	X		X		"	
5	" — 24"		"	"	"	X				X	V00289	"	
6	M-3-122 — 6-12"		1059	"	"		X	X		X		"	
7	" — 24"		"	"	"	X				X	V00290	"	
8	M-3-123 — 6-12"		1140	"	"		X	X		X		"	
9	" — 24"		"	"	"	X				X	V00291	"	
10	M-3-124 — 6-12"		1257	"	"		X	X		X		"	
11	" — 24"		"	"	"	X				X	V00292	"	
12	M-3-125 — 6-12"		1314	"	"		X	X		X		"	
13	" — 24"		"	"	"	X				X	V00293	"	
14	M-3-126 — 6-12"		1328	"	"		X	X		X		"	

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[signature]	11-3-98 1550				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4027 15	M-3-126 — 24"	11-4-98	1328	SOIL	2	X				X	V00294	0 PPM	<4°C
16	M-3-127 — 6-12"		1346	"	"		X	X		X		"	
17	" — 24"		"	"	"	X				X	V00295	"	
18	M-3-128 — 6-12"		1402	"	"		X	X		X		"	
19	~~M-3-128~~ (MS) — 24"		"	"	"	X				X	V00296	"	
20	M-3-129 — 6-12"		1421	"	"		X	X		X		"	
21	" — 24"		"	"	"	X				X	V00297	"	
22	M-3-130 — 6-12"		1436	"	"		X	X		X		"	
23	" — 24"		"	"	"	X				X	V00298	"	
24	M-3-131 — 6-12"		1456	"	"		X	X		X		"	
25	" — 24"		"	"	"	X				X	V00299	"	
26	M-3-132 — 6-12"		1511	"	"		X	X		X		"	
27	" — 24"		"	"	"	X				X	V00300	"	
28	M-3-133 — 6-12"		1528	"	"		X	X		X		"	

Comments:

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Mark Laura	11-3-98 1550				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

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Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4027. 29	M-3-133 - 24"	11-3-98	1528	soil	2	X				X	V00301	0 ppm	<4°C
30	M-3-134 - 6-12"		1545	"	"		X	X		X		"	
31	" - 24"		"	"	"	X				X	V00302	"	
32	FIELD DUP. - 6-12"		—	"	"		X	X		X		"	
33	" - 24"		—	"	"	X				X	V00303	"	

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Mark Laura	11-3-98 1550				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 Landfill

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 ANU O.K. (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4030. 1	Trip Blank	11-4-98	—	Metal.	1	X				V00304	—	<4oc
2	M-3-135 - 6-12"		1413	Soil	2	X	X	X	X		8pm	
3	" - 24"		"	"	"	X			X	V00305	"	
4	M-3-136 - 6-12"		1425	"	"		X	X	X		"	
5	" - 24"		"	"	"	X			X	V00306	"	
6	M-3-137 - 6-12"		1440	"	"		X	X	X		"	
7	" - 24"		"	"	"	X			X	V00307	"	
8	M-3-138 - 6-12"		1500	"	"		X	X	X		"	
9	" - 24"		"	"	"	X			X	V00308	"	
10	M-3-139 - 6-12"		1515	"	"		X	X	X		"	
11	" - 24"		"	"	"	X			X	V00309	"	
12	M-3-140 - 6-12"		1529	"	"		X	X	X		"	
13	" - 24"		"	"	"	X			X	V00310	"	
14	M-3-141 - 6-12"		1545				X	X	X		"	

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Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 - LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: see pg. 1

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	TAL Metals	PEST PCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4Q30. 15	M-3-141 - 24"	11-4-98	1545	soil	2	X			X	V00311	0 PPM	<4°C
16	M-3-142 - 6-12"		1605	"	"		X	X	X		"	
17	" - 24"		"	"	"	X			X	V00312	"	
18	M-3-143 - 6-12"		1618	"	"		X	X	X		"	
19	" - 24"		"	"	"	X			X	V00313	"	

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[signature]	11-4-98 1700	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3- LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU O.U. M

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCBAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4041. 1	TRIP BLANK	11-9-98	—	METH.	1	X				V00314		<4°C
2	M-3-144 - 6-12"		0930	SOIL	2		X	X	X		0 PPM	
3	" - 24"		"			X			X	V00315	"	
4	M-3-145 - 6-12"		0950				X	X	X		"	
5	" - 24"		"			X			X	V00316	"	
6	M-3-146 - 6-12"		1005				X	X	X		"	
7	~~M-3-146~~ - 24"		"			X			X	V00317	"	
8	M-3-147 - 6-12"		1020				X	X	X		"	
9	" - 24"		"			X			X	V00318	"	
10	M-3-148 - 6-12"		1057				X	X	X		"	
11	" - 24"		"			X			X	V00319	"	
12	M-3-149 - 6-12"		1140				X	X	X		"	
13	" - 24"		"			X			X	V00320	"	
14	M-3-150 - 6-12"		1250				X	X	X		"	

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[signature]	11-9-98 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LAND FILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTB	PCBN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4041. 15	M-3-150 - 24"	11-9-98	1250	soil	2	X				X	V00321	ppm	<4°C
16	M-3-151 - 6-12"		1310				X	X		X		"	
17	" - 24"		"			X				X	V00322	"	
18	M-3-152 - 6-12"		1328				X	X		X		"	
19	" - 24"		"			X				X	V00323	"	
20	M-3-153 - 6-12"		1350				X	X		X		"	
21	" - 24"		"			X				X	V00324	"	
22	M-3-154 - 6-12"		1430				X	X		X		"	
23	" - 24"		"			X				X	V00329 (M)	"	
24	M-3-155 - 6-12"		1450				X	X		X		"	
25	" - 24"		"			X				X	V00326	"	
26	M-3-156 - 6-12"		1500				X	X		X		"	
27	" - 24"		"			X				X	V00327	"	
28	M-3-157 - 6-12"		1520				X	X		X		"	

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Mark Laura	11-9-98 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
		[signature]			

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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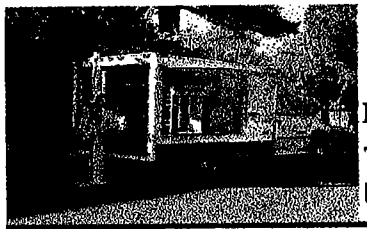

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Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	AB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4041 29	M-3-157 - 24"	11-9-98	1520	SOIL	2	X				X	V00328		<4°C
30	M-3-158 - 6-12"	↓	1530	↓	↓		X	X		X			↓
31	" - 24"	↓	"	↓	↓	X				X	V00325		↓
32	FIELD DUP - 6-12"	↓	—	↓	↓		X	X		X			↓
33	" - 24"	↓	—	↓	↓	X				X	V00334		↓

Analysis Parameters

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	11-9-98 1600	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU w/ 100 PPM ISOBUT. O.K. (MW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCBAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4046. 1	TRIP BLANK	11-10-98	—	METH.	1	X				V00330		<4°C
2	M-3-159 - 6-12"		0920	SOIL	2		X	X	X		0 PPM	
3	" - 24"		"			X			X	V00331	"	
4	M-3-160 - 6-12"		0950				X	X	X		"	
5	" - 24"		"			X			X	V00332	"	
6	M-3-161 - 6-12"		1020				X	X	X		"	
7	" - 24"		"			X			X	V00333	"	
8	M-3-162 - 6-12"		1038				X	X	X		"	
9	" - 24"		"			X			X	V00335	"	
10	M-3-163 - 6-12"		1050				X	X	X		"	
11	" - 24"		"			X			X	V00336	"	
12	M-3-164 - 6-12"		1250				X	X	X		"	
13	" - 24"		"			X			X	V00337	"	
14	M-3-165 - 6-12"		1308				X	X	X		"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	11-10-98 1515	J. Langlin			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
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Remarks:

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Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB	PAB N	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4046.15	M-3-165 - 24"	11-10-98	1308	soil	2	X				X	V00338	0 ppm	<40c
16	M-3-166 - 6-12"		1320				X	X		X		"	
17	" - 24"		"			X				X	V00339	"	
18	M-3-167 - 6-12"		1332				X	X		X		"	
19	" - 24"		"			X				X	V00340	"	
20	M-3-168 - 6-12"		1346				X	X		X		"	
21	" - 24"		"			X				X	V00341	"	
22	M-3-169 - 6-12"		1359				X	X		X		"	
23	" - 24"		"			X				X	V00342	"	
24	M-3-170 - 6-12"		1418				X	X		X		"	
25	" - 24"		"			X				X	V00343	"	
26	M-3-171 - 6-12"		1430				X	X		X		"	
27	" - 24"		"			X				X	V00344	"	
28	M-3-172 - 6-12"		1440				X	X		X		"	

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Mark Laura	11-10-98 1515	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 - LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB EPA	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4046-29	M-3-172 - 24"	11-10-98	1440	soil	2	X			X	V00345	0 PPM	<4°C
30	M-3-173 - 6-12"	↓		↓	↓		X	X	X		"	↓
31	" - 24"	↓		↓	↓	X			X	V00346	"	↓

Analysis Parameters

Comments:

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Mark Laura	11-10-98 1515	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments: Cal. #2 HNU O.K. (HW)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4058. 1	TRIP BLANK	11-16-98	—	METH.	1	X				V00353	—	<4°C
1 2	M-3-175 - 6-12"		1015	SOIL	2		X	X	X		0 PPM	
3	" - 24"		"	"	"	X			X	V00354	"	
4	M-3-176 - 6-12"		1035	"	"		X	X	X		"	
5	" - 24"		"	"	"	X			X	V00355	"	
6	M-3-177 - 6-12"		1050	"	"		X	X	X		"	
7	" - 24"		"	"	"	X			X	V00356	"	
8	M-3-178 - 6-12"		1105	"	"		X	X	X		"	
9	" - 24"		"	"	"	X			X	V00357	"	
10	M-3-179 - 6-12"		1124	"	"		X	X	X		"	
11	" - 24"		"	"	"	X			X	V00358	"	
12	M-3-180 - 6-12"		1140	"	"		X	X	X		"	
13	" - 24"		"	"	"	X			X	V00359	"	
14	M-3-181 - 6-12"		1155	"	"		X	X	X		"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	11-16-98 1510	J. Cerqueira			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3-LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCBAN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4058. 15	M-3-181 - 24"	11-16-98	1155	soil	2	X			X	V00360		<4°C
16	M-3-182 - 6-12"	"	1300	"	"		X	X	X			
17	" - 24"	"	"	"	"	X			X	V00361		
18	M-3-183 - 6-12"	"	1319	"	"		X	X	X			
19	" - 24"	"	"	"	"	X			X	V00362		
20	M-3-184 - 6-12"	"	1340	"	"		X	X	X			
21	" - 24"	"	"	"	"	X			X	V00363		
22	M-3-185 - 6-12"	"	1403	"	"		X	X	X			
23	" - 24"	"	"	"	"	X			X	V00364		
24	M-3-186 - 6-12"	"	1415	"	"		X	X	X			
25	" - 24"	"	"	"	"	X			X	V00365		
26	M-3-187 - 6-12"	"	1430	"	"		X	X	X			
27	" - 24"	"	"	"	"	X			X	V00366		
28	M-3-188 - 6-12"	"	1449	"	"							

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[signature]	11-16-98 1510	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4058. 29	M-3-188 - 24"	11-16-98	1449	SOIL	2	X			X	V00367		<4°C
30	M-3-189 - 6-12"	"	1500		"		X	X	X			
31	" - 24"	"	"		"	X			X	V00368		
32	FIELD DUP. - 6-12"	"	—		"		X	X	X			
33	" - 24"	"	—		"	X			X	V00370		

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[signature]	11-16-98 1510	[signature]			
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Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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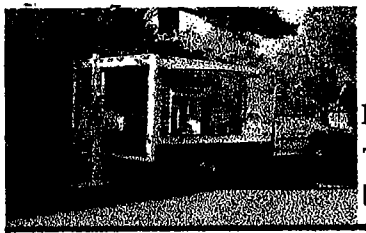

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NJDEP Certification #13461

Chain of Custody Record

Al Mg Ca K Fe Na

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments: Cal #2 Hanh O.K. (ll) (DAMP DAY)

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PEST PCB EPA	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4067. 1	TRIP BLANK	11-17-98	—	METH	1	X				V00369		40c
2	M-3-190 6-12"	"	1030	SOIL	2		X	X	X			
3	" 24"	"	"	"	"	X			X	V00371		
4	M-3-191 6-12"	"	1048	"	"		X	X	X			
5	" 24"	"	"	"	"	X			X	V00372		
6	M-3-192 6-12"	"	1108	"	"		X	X	X			
7	" 24"	"	"	"	"	X			X	V00373		
8	M-3-193 6-12"	"	1123	"	"		X	X	X			
9	" 24"	"	"	"	"	X			X	V00374		
10	M-3-194 6-12"	"	1140	"	"		X	X	X			
11	" 24"	"	"	"	"	X			X	V00375		
12	M-3-195 6-12"	"	1155	"	"		X	X	X			
13	" 24"	"	"	"	"	X			X	V00376		
14	M-3-196 6-12"	"	1308	"	"		X	X	X			

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[signature]	11-18-98 745	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____ Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil
NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Analysis Parameters

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals TAL	PESTPCB ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4067 15	M-3-196 24"	11-17-98	1308	Soil	2	X			X	V00377		<4°C
16	M-3-197 6-12"	"	1340	"	"		X	X	X			
17	" 24"	"	"	"	"	X			X	V00378		
18	M-3-198 6-12"	"	1358	"	"		X	X	X			
19	" 24"	"	"	"	"	X			X	V00379		
20	M-3-199 6-12"	"	1417	"	"		X	X	X			
21	" 24"	"	"	"	"	X			X	V00380		
22	M-3-200 6-12"	"	1430	"	"		X	X	X			
23	" 24"	"	"	"	"	X			X	V00381		
24	M-3-201 6-12"	"	1448	"	"		X	X	X			
25	" 24"	"	"	"	"	X			X	V00382		
26	M-3-202 6-12"	"	1503	"	"		X	X	X			
27	" 24"	"	"	"	"	X			X	V00383		
28	M-3-203 6-12"	"	1516	"	"		X	X	X			

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[signature]	11-17-98 745				
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Page 2 of 3

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Fort Monmouth Environmental Testing Laboratory

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NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PEST PCB PAB	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4067 29	M-3-203 24"	11-17-98	1516	soil	2	X			X	V00384		4°C
30	M-3-204 6-12"	"	1528	"	"		X	X	X			↓
31	" 24"	"	"	"	"	X			X	V00385		

Comments:

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
[signature]	11-18-98 745	[signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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Fort Monmouth Environmental Testing Laboratory

Bldg. 173, SELFM-PW-EV, Fort Monmouth, NJ 07703
Tel (732)532-4359 Fax (732)532-3484 EMail:appleby@doim6.monmouth.army.mil

NJDEP Certification #13461

Chain of Custody Record

Customer: Joseph Fallon SELFM-PW-EV
Phone #: (732) 532-6223
(X)DERA ( )OMA ( )Other:_____

Project No: IJN 98-0211
Location: M-3 LANDFILL

Samplers Name / Company : MARK LAURA / TVS PWS-007

Comments:

Lab Sample I.D.	Sample Location	Date	Time	Sample Type	# bottles	VOA+15	Metals	PESTPCB	ABN	% SOLID	VOA ID NUMBER	OVA	Remarks / Preservation Method
4068 1	TRIP BLANK	11-18-98	—	METH.	1	X					V00386		<4°C
2	M-3-205-6-12"		0930	SOIL	2		X	X	X			0 PPM	
3	" -24"		0930		2	X			X		V00387	"	

Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):
Mark Laura	11-18-98 1050	J. [signature]			
Relinquished by (signature):	Date/Time:	Received by (signature):	Relinquished by (signature):	Date/Time:	Received by (signature):

Report Type: (_)Full, (_)Reduced, (X)Standard, (_)Screen / non-certified
Turnaround time: (X)Standard 4 wks, (_)Rush ____ Days, (_)ASAP Verbal ____Hrs.

Remarks:

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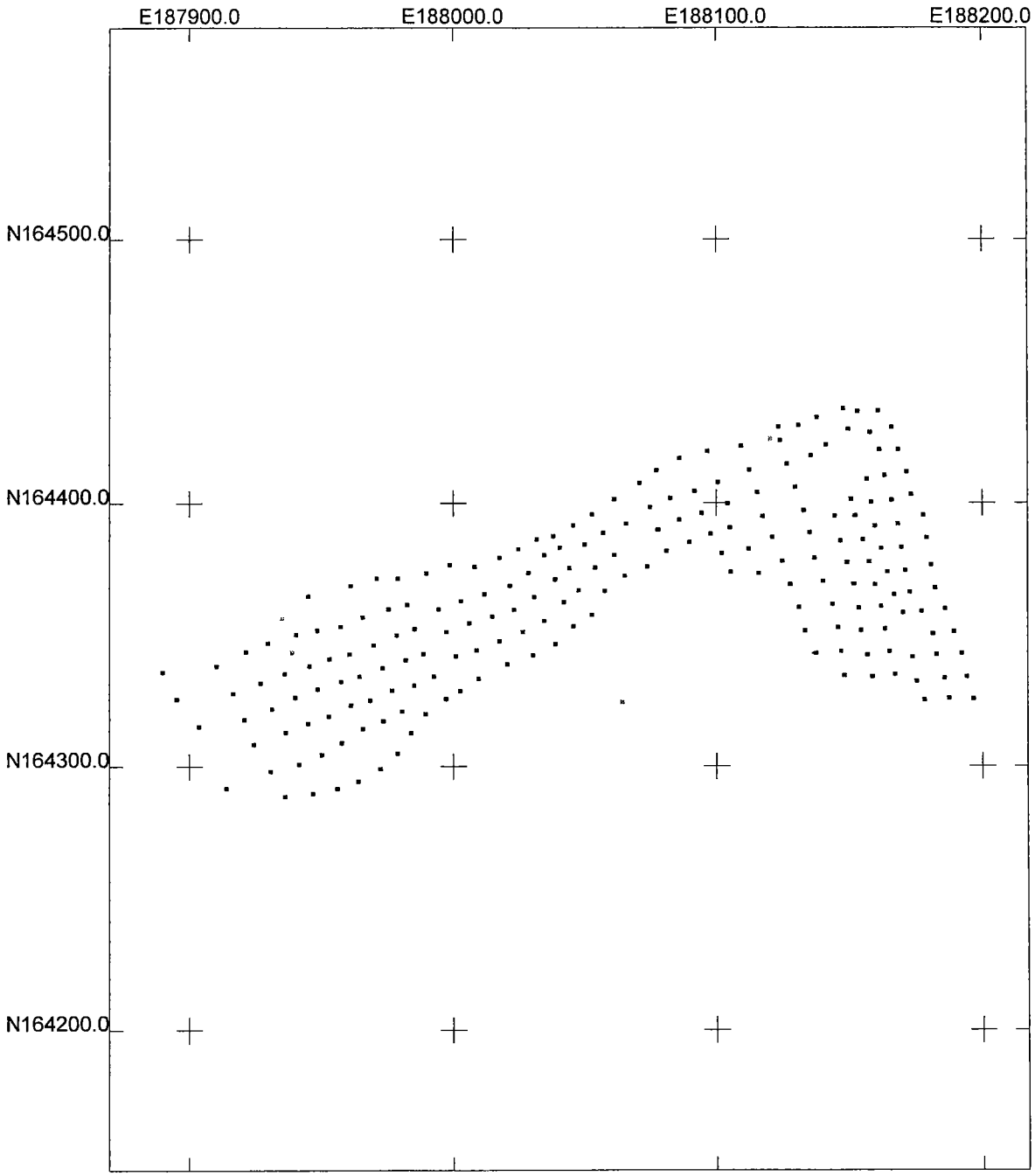
GPS MAPS



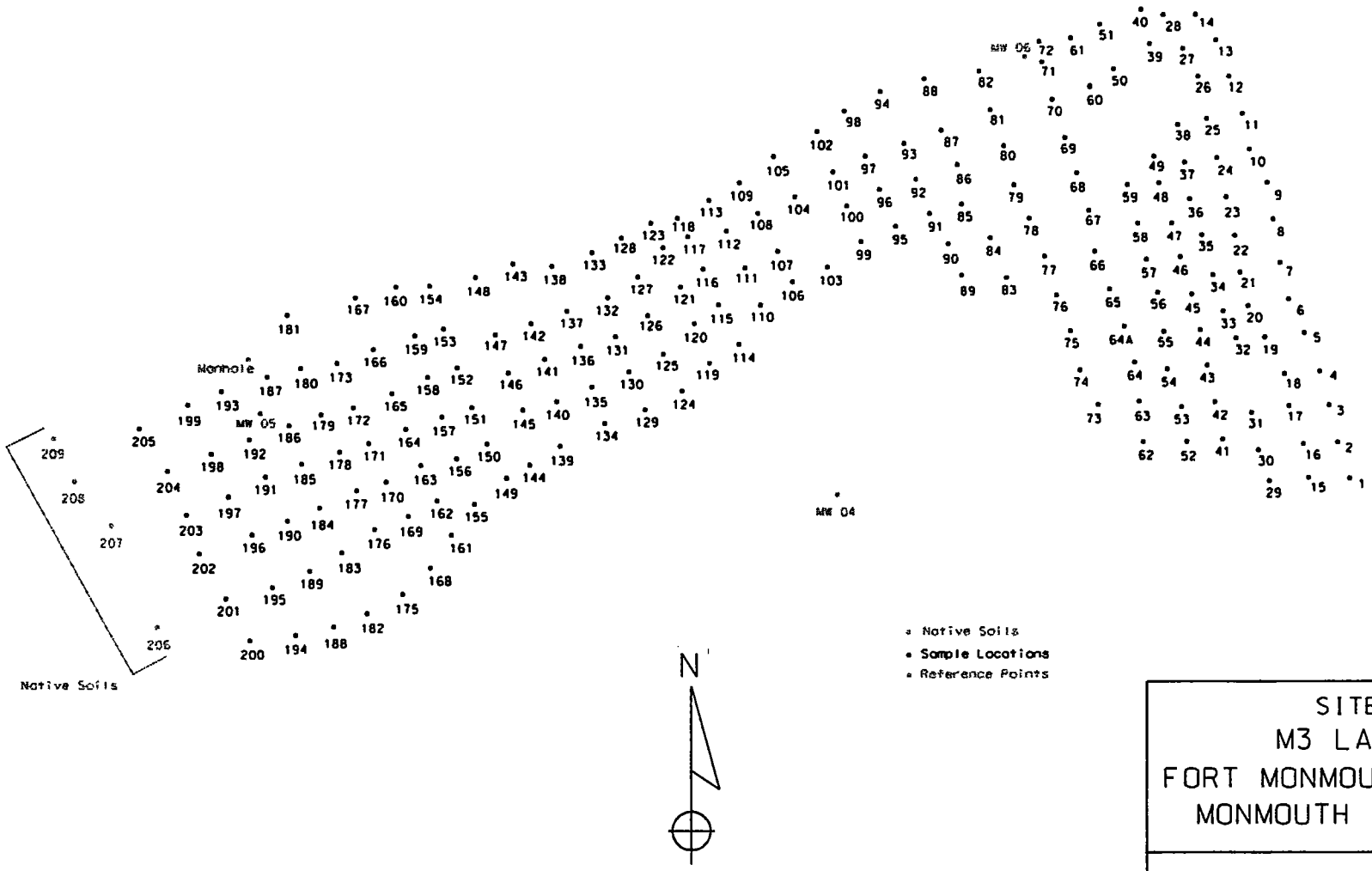
M3 Landfill Soil Boring GPS Map

US State Plane 1983
New Jersey (NY East) 2900
NAD 1983 (Conus)

N

Scale 1:2500
0 75.00
Meters

m3 landfill combo. cor.ssf
2/22/1999
Pathfinder Office
Trimble



SITE MAP
M3 LANDFILL
FORT MONMOUTH ARMY BASE
MONMOUTH COUNTY, NJ

FT. MONMOUTH ENVIRONMENTAL TESTING LAB
Engineers, Managers, Scientists & Planners

SCALE: NTS	DATE: Feb. 1999

M3 LANDFILL SITE

M3 LANDFILL SITE GPS POSITION & COORDINATES

US STATE PLANE 1983 NJ (NY EAST) 2900 NAD 1983 (CONUS)

(IN METERS)

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
1	164325.813	188196.149
2	164334.296	188193.623
3	164343.182	188191.748
4	164351.436	188188.824
5	164360.049	188185.435
6	164368.17	188181.734
7	164376.972	188180.185
8	164387.188	188178.557
9	164395.657	188177.285
10	164403.564	188172.647
11	164412.133	188171.059
12	164420.484	188167.864
13	164429.038	188165.357
14	164435.243	188160.175
15	164325.994	188186.87
16	164333.744	188185.184
17	164342.631	188182.262
18	164350.523	188180.803
19	164359.19	188176.513
20	164366.452	188172.138
21	164374.718	188170.479
22	164383.569	188169.14
23	164392.433	188167.669
24	164401.489	188165.31
25	164410.793	188162.591
26	164420.522	188160.686
27	164427.113	188157.148
28	164435.047	188152.554
29	164325.351	188177.608
30	164332.549	188174.66
31	164341.655	188173.074
32	164358.582	188169.638
33	164365.506	188166.36
34	164374.199	188163.785
35	164383.109	188161.221
36	164391.613	188158.89
37	164400.718	188157.515
38	164409.382	188156.12
39	164428.241	188149.33
40	164436.077	188147.479
41	164335.088	188166.525

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
42	164343.806	188164.451
43	164352.375	188162.69
44	164361.097	188161.303
45	164369.293	188159.031
46	164378.09	188156.765
47	164386.471	188154.58
48	164395.507	188151.676
49	164401.836	188150.253
50	164422.369	188140.973
51	164432.742	188137.52
52	164334.231	188157.963
53	164342.521	188156.206
54	164351.81	188153.898
55	164360.423	188152.928
56	164369.464	188151.18
57	164377.814	188148.852
58	164386.001	188146.337
59	164395.308	188144.104
60	164418.257	188135.23
61	164429.751	188130.6
62	164334.655	188147.787
63	164343.876	188146.525
64	164353.021	188145.371
64a	164361.814	188143.359
65	164370.563	188139.726
66	164379.459	188136.64
67	164389.187	188134.812
68	164397.579	188132.562
69	164406.302	188129.304
70	164415.171	188126.319
71	164424.013	188123.843
72	164429.208	188123.235
73	164343.09	188137.106
74	164351.69	188133.057
75	164360.654	188130.725
76	164369.404	188127.504
77	164378.322	188124.631
78	164387.37	188120.858
79	164395.321	188117.134
80	164404.455	188115.094
81	164412.917	188112.099
82	164421.921	188109.073
83	164373.6	188115.754
84	164382.948	188111.963
85	164390.99	188104.744
86	164400.18	188103.861
87	164408.271	188100.34
88	164420.008	188096.284
89	164374.179	188105.064
90	164381.283	188101.696

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
91	164388.705	188097.46
92	164396.522	188094.021
93	164404.941	188091.427
94	164417.334	188085.571
95	164385.492	188089.511
96	164394.101	188085.637
97	164402.246	188082.297
98	164412.767	188077.108
99	164382.211	188080.794
100	164390.209	188077.608
101	164398.785	188074.427
102	164407.908	188070.392
103	164376.183	188073.273
104	164392.549	188065.243
105	164401.928	188060.715
106	164372.807	188064.713
107	164380.583	188060.777
108	164389.089	188056.634
109	164396.127	188052.368
110	164366.974	188057.223
111	164375.981	188053.572
112	164384.666	188049.478
113	164391.988	188045.117
114	164357.838	188052.209
115	164367.216	188047.241
116	164375.682	188043.71
117	164383.443	188040.1
118	164387.826	188037.581
119	164353.394	188045.175
120	164362.675	188041.55
121	164371.37	188038.248
122	164380.648	188034.193
123	164386.712	188031.244
124	164346.726	188038.348
125	164355.558	188034.161
126	164364.665	188030.32
127	164373.831	188028.146
128	164382.929	188024.351
129	164342.455	188029.787
130	164351.326	188026.007
131	164359.735	188022.62
132	164368.939	188021.123
133	164379.695	188017.075
134	164339.016	188020.061
135	164347.781	188017.065
136	164357.228	188014.242
137	164365.73	188011.355
138	164376.298	188007.672
139	164333.497	188009.142
140	164344.357	188008.488

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
141	164354.745	188005.705
142	164363.15	188002.633
143	164376.961	187998.403
144	164328.884	188002.234
145	164342.133	188000.631
146	164351.304	187997.057
147	164359.994	187994.182
148	164373.701	187989.479
149	164325.878	187996.863
150	164334.386	187992.385
151	164342.949	187988.278
152	164352.446	187985.031
153	164361.698	187982.221
154	164371.725	187978.832
155	164320.137	187989.13
156	164331.002	187984.839
157	164340.571	187981.635
158	164350.09	187978.265
159	164359.973	187975.214
160	164371.778	187970.729
161	164312.91	187983.758
162	164321.171	187980.244
163	164329.112	187976.49
164	164337.571	187973.032
165	164346.217	187969.563
166	164356.909	187965.42
167	164368.934	187960.908
168	164305.252	187978.629
169	164317.511	187973.153
170	164325.28	187968.234
171	164334.349	187964.179
172	164342.875	187960.333
173	164353.298	187957.061
175	164299.403	187972.145
176	164314.501	187965.463
177	164323.442	187960.989
178	164332.498	187957.231
179	164341.046	187952.894
180	164351.921	187948.218
181	164364.935	187944.878
182	164294.685	187963.816
183	164309.191	187957.535
184	164319.271	187952.528
185	164329.611	187948.331
186	164338.355	187945.206
187	164350.32	187940.183
188	164291.805	187955.811
189	164304.783	187949.871
190	164316.558	187944.771
191	164326.406	187939.874

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
192	164335.412	187935.973
193	164347.057	187929.375
194	164290.013	187946.492
195	164301.123	187941.243
196	164313.168	187936.254
197	164322.128	187930.912
198	164331.973	187926.661
199	164343.812	187921.077
200	164288.867	187935.989
201	164298.483	187930.438
202	164308.63	187924.15
203	164318.031	187920.624
204	164327.923	187916.379
205	164338.295	187910.042

Native Soil Locations

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
206	164292.087	187913.785
207	164315.408	187903.349
208	164325.806	187894.853
209	164336.086	187889.583

Reference Points

POSITION / DESC.	Y COORD. (NORTHING)	X COORD. (EASTING)
Manhole	164356.558	187934.879
MW 04	164324.608	188063.942
MW 05	164343.527	187938.7
MW 06	164424.541	188120.234

LANDFILL COVER

052A

M-3
Landfill Cover

Boring		Boring		Boring	
B1	Minimum 2 foot cap.	B52	Minimum 2 foot cap.	B103	Minimum 1 inch cap.
B2	Minimum 18 inch cap.	B53	Minimum 2 foot cap.	B104	Minimum 1 inch cap.
B3	Minimum 2 foot cap.	B54	Minimum 1 inch cap.	B105	Minimum 18 inch cap.
B4	Minimum 6 inch cap.	B55	Minimum 6 inch cap.	B106	Minimum 3 inch cap.
B5	Minimum 6 inch cap.	B56	Minimum 6 inch cap.	B107	Minimum 1 foot cap.
B6	Minimum 6 inch cap.	B57	Minimum 18 inch cap.	B108	Minimum 1 foot cap.
B7	Minimum 6 inch cap.	B58	Minimum 1 inch cap.	B109	Minimum 18 inch cap.
B8	Minimum 6 inch cap.	B59	Minimum 2 foot cap.	B110	Minimum 2 foot cap.
B9	Minimum 6 inch cap.	B60	Minimum 1 inch cap.	B111	Minimum 2 foot cap.
B10	Minimum 6 inch cap.	B61	Minimum 1 inch cap.	B112	Minimum 2 foot cap.
B11	Minimum 6 inch cap.	B63	Minimum 2 foot cap.	B113	Minimum 2 foot cap.
B12	Minimum 6 inch cap.	B64	Minimum 1 inch cap.	B114	Minimum 18 inch cap.
B13	Minimum 6 inch cap.	B64A	Minimum 1 inch cap.	B115	Minimum 6 inch cap.
B14	Minimum 18 inch cap.	B65	Minimum 2 foot cap.	B116	Minimum 1 foot cap.
B15	Minimum 2 foot cap.	B66	Minimum 18 inch cap.	B117	Minimum 3 inch cap.
B16	Minimum 2 foot cap.	B67	Minimum 1 inch cap.	B118	Minimum 2 foot cap.
B17	Minimum 2 foot cap.	B68	Minimum 2 foot cap.	B119	Minimum 1 inch cap.
B18	Minimum 2 foot cap.	B69	Minimum 1 inch cap.	B120	Minimum 2 foot cap.
B19	Minimum 18 inch cap.	B70	Minimum 6 inch cap.	B121	Minimum 6 inch cap.
B20	Minimum 18 inch cap.	B71	Minimum 1 inch cap.	B122	Minimum 1 inch cap.
B21	Minimum 3 inch cap.	B72	Minimum 2 foot cap.	B123	Minimum 1 inch cap.
B22	Minimum 3 inch cap.	B73	Minimum 2 foot cap.	B124	Minimum 2 foot cap.
B23	Minimum 3 inch cap.	B74	Minimum 2 foot cap.	B125	Minimum 2 foot cap.
B24	Minimum 3 inch cap.	B75	Minimum 2 foot cap.	B126	Minimum 1 inch cap.
B25	Minimum 3 inch cap.	B76	Minimum 2 foot cap.	B127	Minimum 1 inch cap.
B26	Minimum 3 inch cap.	B77	Minimum 2 foot cap.	B128	Minimum 1 inch cap.
B27	Minimum 3 inch cap.	B78	Minimum 1 inch cap.	B129	Minimum 1 inch cap.
B28	Minimum 3 inch cap.	B79	Minimum 2 foot cap.	B130	Minimum 1 inch cap.
B29	Minimum 2 foot cap.	B80	Minimum 1 inch cap.	B131	Minimum 1 inch cap.
B30	Minimum 2 foot cap.	B81	Minimum 1 inch cap.	B132	Minimum 18 inch cap.
B31	Minimum 2 foot cap.	B82	Minimum 1 inch cap.	B133	Minimum 1 inch cap.
B32	Minimum 18 inch cap.	B83	Minimum 2 foot cap.	B134	Minimum 1 inch cap.
B33	Minimum 18 inch cap.	B84	Minimum 2 foot cap.	B135	Minimum 1 inch cap.
B34	Minimum 3 inch cap.	B85	Minimum 2 foot cap.	B136	Minimum 1 inch cap.
B35	Minimum 3 inch cap.	B86	Minimum 1 inch cap.	B137	Minimum 1 inch cap.
B36	Minimum 3 inch cap.	B87	Minimum 1 inch cap.	B138	Minimum 1 inch cap.
B37	Minimum 3 inch cap.	B88	Minimum 1 inch cap.	B139	Minimum 1 inch cap.
B38	Minimum 3 inch cap.	B89	Minimum 2 foot cap.	B140	Minimum 1 inch cap.
B39	Minimum 3 inch cap.	B90	Minimum 2 foot cap.	B141	Minimum 1 inch cap.
B40	Minimum 2 foot cap.	B91	Minimum 6 inch cap.	B142	Minimum 18 inch cap.
B41	Minimum 2 foot cap.	B92	Minimum 1 inch cap.	B143	Minimum 18 inch cap.
B42	Minimum 2 foot cap.	B93	Minimum 2 foot cap.	B144	Minimum 2 foot cap.
B43	Minimum 1 inch cap.	B94	Minimum 2 foot cap.	B145	Minimum 3 inch cap.
B44	Minimum 18 inch cap.	B95	Minimum 1 inch cap.	B146	Minimum 1 inch cap.
B45	Minimum 1 foot cap.	B96	Minimum 1 inch cap.	B147	Minimum 2 foot cap.
B46	Minimum 2 foot cap.	B97	Minimum 2 foot cap.	B148	Minimum 2 foot cap.
B47	Minimum 6 inch cap.	B98	Minimum 2 foot cap.	B149	Minimum 2 foot cap.
B48	Minimum 6 inch cap.	B99	Minimum 1 inch cap.	B150	Minimum 3 inch cap.
B49	Minimum 1 inch cap.	B100	Minimum 1 inch cap.	B151	Minimum 3 inch cap.
B50	Minimum 18 inch cap.	B101	Minimum 1 foot cap.	B152	Minimum 1 inch cap.
B51	Minimum 3 inch cap.	B102	Minimum 6 inch cap.	B153	Minimum 2 foot cap.

052B

M-3
Landfill Cover

Boring		Boring		Boring	
B154	Minimum 18 inch cap.	B173	Minimum 6 inch cap.	B192	Minimum 18 inch cap.
B155	Minimum 2 foot cap.	B175	Minimum 2 foot cap.	B193	Minimum 2 foot cap.
B156	Minimum 1 inch cap.	B176	Minimum 1 foot cap.	B194	Minimum 2 foot cap.
B157	Minimum 1 inch cap.	B177	Minimum 3 inch cap.	B195	Minimum 6 inch cap.
B158	Minimum 1 inch cap.	B178	Minimum 3 inch cap.	B196	Minimum 18 inch cap.
B159	Minimum 18 inch cap.	B179	Minimum 1 foot cap.	B197	Minimum 1 inch cap.
B160	Minimum 1 inch cap.	B180	Minimum 2 foot cap.	B198	Minimum 18 inch cap.
B161	Minimum 1 inch cap.	B181	Minimum 18 inch cap.	B199	Minimum 2 foot cap.
B162	Minimum 1 inch cap.	B182	Minimum 1 inch cap.	B200	Minimum 2 foot cap.
B163	Minimum 18 inch cap.	B183	Minimum 2 foot cap.	B201	Minimum 6 inch cap.
B164	Minimum 1 foot cap.	B184	Minimum 6 inch cap.	B202	Minimum 2 foot cap.
B165	Minimum 1 foot cap.	B185	Minimum 18 inch cap.	B203	Minimum 2 foot cap.
B166	Minimum 18 inch cap.	B186	Minimum 18 inch cap.	B204	Minimum 2 foot cap.
B167	Minimum 1 foot cap.	B187	Minimum 2 foot cap.	B205	Minimum 18 inch cap.
B168	Minimum 2 foot cap.	B188	Minimum 2 foot cap.	B206	Minimum 2 foot cap.
B169	Minimum 2 foot cap.	B189	Minimum 18 inch cap.	B207	Minimum 2 foot cap.
B170	Minimum 1 inch cap.	B190	Minimum 2 foot cap.	B208	Minimum 2 foot cap.
B171	Minimum 6 inch cap.	B191	Minimum 2 foot cap.	B209	Minimum 2 foot cap.
B172	Minimum 2 foot cap.				

052C

FIELD DUPLICATE IDENTIFICATION

Field Duplicate Identification

Sample Id	Lab ID	Field Duplicate
M-3-20	3929.08	3929.32
M-3-20	3929.09	3929.33
M-3-46	3989.04	3989.42
M-3-46	3989.05	3989.43
M-3-72	3996.18	3996.24
M-3-72	3996.19	3996.25
M-3-94	4009.10	4009.32
M-3-94	4009.11	4009.33
M-3-123	4027.08	4027.32
M-3-123	4027.09	4027.33
M-3-149	4041.12	4041.32
M-3-149	4041.13	4041.33
M-3-175	4058.02	4058.32
M-3-175	4058.03	4058.33

METHODOLOGY SUMMARY

Method Summary

EPA SW-846 Method 8260
Gas Chromatographic Determination of Volatiles in Soil

A 50ul volume of methanol soil sample is added to 5 ml aliquot of water. Surrogates and internal standards are added and the sample is placed on a purge and trap concentrator. The sample as purged and desorbed into into a GC/MS system. Volatiles are identified and quantitated. The final concentration is calculated using soil weight, percent moisture, methanol volume and concentration.

EPA SW-846 Method 8270
Gas Chromatographic Determination of Semi-volatiles in Soil

Surrogates are added to a 10 gram soil sample which has been dried with sodium sulfate. The sample is then extracted using a soxtherm extractor. The extract is concentrated to 1 ml. Internal standards are added and the sample is injected into a GC/MS system. Semi-volatiles are identified and quantitated. The final concentration is calculated using soil weight, percent moisture and concentration.

EPA SW-846 Method 8080
Gas Chromatographic Determination of Pesticides and PCB's in Soil

Surrogates are added to a 10 gram soil sample which has been dried with sodium sulfate. The sample is then extracted using a soxtherm extractor. The extract is concentrated to 10 ml. Internal standards are added and the sample is injected into a GC/ECD system. Pesticides and PCB's are identified and quantitated. The final concentration is calculated using soil weight, percent moisture and concentration.

Methodology Summary

EPA SW-846 Method 3151, 3rd Edition base manual with final Updates I, II, IIA, IIB and III: Digestion of TAL Metals

Milestone MLS 1200 MEGA
A representative sample of 1.0 to 5.0 grams is digested in 10 ml of concentrated nitric acid for 10 minutes heating with a suitable laboratory microwave unit. The sample and acid are placed in a fluorocarbon (TFM) microvessel. This vessel is capped and heated in the microwave unit. After cooling the vessel contents are filtered and then diluted to a 100 ml volume and analyzed by ICP.

EPA SW-846 Method 6010B, 3rd Edition Base Manual with Final Updates I, II, IIA, IIB and III: ICP TAL Metals

Perkin Elmer OPTIMA 3000 DV
The method measures element-emitted light by optical spectrometry. Samples are nebulized and the resulting aerosol is transported to the plasma torch. Radio-frequency inductively coupled plasma produces element-specific atomic-line emission spectra. The spectra are dispersed by a grating spectrometer and a Segmented-array Charged-coupled-device Detector (SCD) monitors the intensities of the lines. Background and interelemental correction is used for trace element determinations.

EPA SW-846 Method 7471A, 3rd Edition Base Manual with Final Updates I, II, IIA, IIB and III: Mercury

Varian SpectrAA-640, VGA-77
The flameless AA procedure is a physical method based on the absorption of radiation at 253.7 nm by mercury vapor. The mercury is reduced to the elemental state and aerated from solution in a closed system. The mercury vapor passes through a cell positioned in the light path of an atomic absorption spectrometer. Absorbency (peak height) is measured as a function of mercury concentration and recorded in the usual manner.

CASE NARRATIVE

CASE NARRATIVE

Site: M-3 Landfill

Lab ID: 3923, 3929, 3984, 3989, 3996, 4007, 4009, 4024, 4027, 4030, 4041, 4046, 4058, 4067, 4068

Field designator M-3 174 was skipped. The last sample taken on 11/10/98 was M-3 173 and the first sample taken on 11/16/98 was M-3 175.

Sample M-3 29 24" (Lab ID 3929.27) was broken in the lab. It was resampled on 10/21/98 and given the Lab ID 3995.01.

Di-n-butylphthalate exceeds the calibration curve in M-3 58 6-12" (Lab ID 3989.28). The sample was not diluted.

Several PAH's exceed the calibration curve in M-3 86 6-12" (Lab ID 4007.24). The sample was not diluted.

bis(2-Ethylhexyl)phthalate exceeds the calibration curve in the initial analysis of Method Blank (BNA01280.D), extracted on 11/5/98. It was diluted 5X and the analyte is within the curve.

Field designator M-3 64 was used twice. The sample taken on 10/20/98 is designated M-3 64 and the one taken on 10/21/98 is designated M-3 64A.

LABORATORY CHRONICLE

Laboratory Chronicle

Lab ID: 3923 **Site:** M-3

	Date	Hold Time
Date Sampled	09/29/98	NA
Receipt/Refrigeration	09/29/98	NA
Extractions		
1. Base Neutrals	09/30/98	14 Days
2. Pest/PCB's	10/01/98	07 Days
Analyses		
1. Volatile Organics	10/08,09/98	14 Days
2. Base Neutrals	10/08,13,14/98	40 Days
3. Pest/PCB's	10/19,20/98	40 Days
4. Metals	10/26/98	6 Months
5. Mercury	10/01/98	28 Days

Laboratory Chronicle

Lab ID: 3929 **Site:** M-3

	Date	Hold Time
Date Sampled	09/30/98	NA
Receipt/Refrigeration	09/30/98	NA
Extractions		
1. Base Neutrals	10/05/98	14 Days
2. Pest/PCB's	10/01/98	07 Days
Analyses		
1. Volatile Organics	10/12/98	14 Days
2. Base Neutrals	10/14,21/98	40 Days
3. Pest/PCB's	10/20, 10/21, 11/05/98	40 Days
4. Metals	10/26/98	6 Months
5. Mercury	10/01/98	28 Days

Laboratory Chronicle

Lab ID: 3984 **Site:** M-3

	Date	Hold Time
Date Sampled	10/19/98	NA
Receipt/Refrigeration	10/19/98	NA
Extractions		
1. Base Neutrals	10/20/98	14 Days
2. Pest/PCB's	10/23,24/98	07 Days
Analyses		
1. Volatile Organics	10/22,23/98	14 Days
2. Base Neutrals	10/22,26/98	40 Days
3. Pest/PCB's	11/06/98	40 Days
4. Metals	10/26/98	6 Months
5. Mercury	10/21/98	28 Days

Laboratory Chronicle

Lab ID: 3989 **Site:** M-3

	Date	Hold Time
Date Sampled	10/20/98	NA
Receipt/Refrigeration	10/21/98*	NA
Extractions		
1. Base Neutrals	10/20/98	14 Days
2. Pest/PCB's	10/24,27/98	07 Days
Analyses		
1. Volatile Organics	10/26,27/98	14 Days
2. Base Neutrals	11/02,03,04/98	40 Days
3. Pest/PCB's	11/06,07/98	40 Days
4. Metals	10/26/98	6 Months
5. Mercury	10/21/98	28 Days

*Samples received after 16:15 and refrigerated on 10/20/98.

Laboratory Chronicle

Lab ID: 3995 **Site:** M-3

	Date	Hold Time
Date Sampled	10/21/98	NA
Receipt/Refrigeration	10/21/98	NA

Analyses

1. Volatile Organics	10/28/98	14 Days

Laboratory Chronicle

Lab ID: 3996 **Site:** M-3

	Date	Hold Time
Date Sampled	10/21/98	NA
Receipt/Refrigeration	10/21/98	NA
Extractions		
1. Base Neutrals	10/26/98	14 Days
2. Pest/PCB's	10/27,28/98	07 Days
Analyses		
1. Volatile Organics	10/28/98	14 Days
2. Base Neutrals	11/02,05,06/98	40 Days
3. Pest/PCB's	11/07/98	40 Days
4. Metals	10/26/98	6 Months
5. Mercury	10/29/98	28 Days

Laboratory Chronicle

Lab ID: 4007 **Site:** M-3

	Date	Hold Time
Date Sampled	10/26/98	NA
Receipt/Refrigeration	10/27/98*	NA
Extractions		
1. Base Neutrals	10/27/98	14 Days
2. Pest/PCB's	10/28/98	07 Days
Analyses		
1. Volatile Organics	10/28, 11/03/98	14 Days
2. Base Neutrals	11/02,06,09/98	40 Days
3. Pest/PCB's	11/17,18/98	40 Days
4. Metals	11/16/98	6 Months
5. Mercury	10/29/98	28 Days

* Samples received after 16:15 and refrigerated on 10/26/98.

Laboratory Chronicle

Lab ID: 4009 **Site:** M-3

	Date	Hold Time
Date Sampled	10/27/98	NA
Receipt/Refrigeration	10/27/98	NA
Extractions		
1. Base Neutrals	10/27, 11/03/98	14 Days
2. Pest/PCB's	10/30/98	07 Days
Analyses		
1. Volatile Organics	10/28, 11/03/98	14 Days
2. Base Neutrals	11/09,11/98	40 Days
3. Pest/PCB's	11/27,28,30/98	40 Days
4. Metals	11/16/98	6 Months
5. Mercury	10/29/98	28 Days

Laboratory Chronicle

Lab ID: 4024 **Site:** M-3

	Date	Hold Time
Date Sampled	11/02/98	NA
Receipt/Refrigeration	11/02/98	NA
Extractions		
1. Base Neutrals	11/03/98	14 Days
2. Pest/PCB's	11/04/98	07 Days
Analyses		
1. Volatile Organics	11/06,09/98	14 Days
2. Base Neutrals	11/11,18/98	40 Days
3. Pest/PCB's	12/04/98	40 Days
4. Metals	11/16/98	6 Months
5. Mercury	11/17/98	28 Days

Laboratory Chronicle

Lab ID: 4027 **Site:** M-3

	Date	Hold Time
Date Sampled	11/03/98	NA
Receipt/Refrigeration	11/03/98	NA
Extractions		
1. Base Neutrals	11/05/98	14 Days
2. Pest/PCB's	11/04,06/98	07 Days
Analyses		
1. Volatile Organics	11/09,10,11/98	14 Days
2. Base Neutrals	11/18,19/98	40 Days
3. Pest/PCB's	12/04,07,08/98	40 Days
4. Metals	11/16/98	6 Months
5. Mercury	11/17/98	28 Days

Laboratory Chronicle

Lab ID: 4030 **Site:** M-3

	Date	Hold Time
Date Sampled	11/04/98	NA
Receipt/Refrigeration	11/04/98	NA
Extractions		
1. Base Neutrals	11/05/98	14 Days
2. Pest/PCB's	11/06/98	07 Days
Analyses		
1. Volatile Organics	11/10,11/98	14 Days
2. Base Neutrals	11/18,24/98	40 Days
3. Pest/PCB's	12/10/98	40 Days
4. Metals	11/16/98	6 Months
5. Mercury	11/17/98	28 Days

Laboratory Chronicle

Lab ID: 4041 **Site:** M-3

	Date	Hold Time
Date Sampled	11/09/98	NA
Receipt/Refrigeration	11/09/98	NA
Extractions		
1. Base Neutrals	11/13/98	14 Days
2. Pest/PCB's	11/12/98	07 Days
Analyses		
1. Volatile Organics	11/11,16,17/98	14 Days
2. Base Neutrals	11/19,24,25,30/98	40 Days
3. Pest/PCB's	12/10,11,16/98	40 Days
4. Metals	11/19/98	6 Months
5. Mercury	11/17/98	28 Days

Laboratory Chronicle

Lab ID: 4046 **Site:** M-3

	Date	Hold Time
Date Sampled	11/10/98	NA
Receipt/Refrigeration	11/10/98	NA
Extractions		
1. Base Neutrals	11/13,17/98	14 Days
2. Pest/PCB's	11/12,15/98	07 Days
Analyses		
1. Volatile Organics	11/17,18,19/98	14 Days
2. Base Neutrals	12/04,07/98	40 Days
3. Pest/PCB's	12/16,23/98	40 Days
4. Metals	11/19/98	6 Months
5. Mercury	11/17/98	28 Days

Laboratory Chronicle

Lab ID: 4058 **Site:** M-3

	Date	Hold Time
Date Sampled	11/16/98	NA
Receipt/Refrigeration	11/16/98	NA
Extractions		
1. Base Neutrals	11/16,17,19/98	14 Days
2. Pest/PCB's	11/18/98	07 Days
Analyses		
1. Volatile Organics	11/19,20/98	14 Days
2. Base Neutrals	12/07,15/98	40 Days
3. Pest/PCB's	12/23,24/98	40 Days
4. Metals	11/19/98	6 Months
5. Mercury	11/23/98	28 Days

Laboratory Chronicle

Lab ID: 4067 **Site:** M-3

	Date	Hold Time
Date Sampled	11/17/98	NA
Receipt/Refrigeration	11/18/98*	NA
Extractions		
1. Base Neutrals	11/19/98	14 Days
2. Pest/PCB's	11/18,23/98	07 Days
Analyses		
1. Volatile Organics	11/20,23,24/98	14 Days
2. Base Neutrals	12/17,18/98	40 Days
3. Pest/PCB's	12/24,25,29/98	40 Days
4. Metals	11/19/98	6 Months
5. Mercury	11/23/98	28 Days

*Samples received after 16:15 and refrigerated on 11/17/98.

Laboratory Chronicle

Lab ID: 4068 **Site:** M-3

	Date	Hold Time
Date Sampled	11/18/98	NA
Receipt/Refrigeration	11/18/98	NA
Extractions		
1. Base Neutrals	11/30/98	14 Days
2. Pest/PCB's	11/23/98	07 Days
Analyses		
1. Volatile Organics	11/24/98	14 Days
2. Base Neutrals	12/02,09/98	40 Days
3. Pest/PCB's	12/29/98	40 Days
4. Metals	11/19/98	6 Months
5. Mercury	11/23/98	28 Days

ANALYTICAL RESULTS

METHOD BLANKS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK51

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01643.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 0 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK51

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01643.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 0 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK51

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK51

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01643.D

Level: (low/med) MED Date Received: 09/29/98

% Moisture: not dec. 0 Date Analyzed: 10/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

VBLK52

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01665.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 0 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK52

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01665.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 0 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK52

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK52

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01665.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 0 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK53

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01681.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK53

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01681.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK53

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK53

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01681.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK58

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01802.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK58

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01802.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK58

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK58

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01802.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK59

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01828.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/23/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK59

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01828.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/23/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK59

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK59

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01828.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/23/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK61

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3995 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01881.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK61

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3995 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01881.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK61

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3995 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01881.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK61a

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01952.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK61a

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01952.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK61a

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK61

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01952.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK62

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK62

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01984.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK62

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK62

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01984.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK62

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: VBLK62

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01984.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK65

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: Vblk65

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02095.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 0 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK65

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: Vblk65

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02095.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 0 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK65

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: Vblk65

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02095.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 0 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK108

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK108

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04803.D

Level: (low/med) MED Date Received: 09/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK108

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK108

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04803.D

Level: (low/med) MED Date Received: 09/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK108

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK108

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04803.D

Level: (low/med) MED Date Received: 09/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK112

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK112

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04882.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK112

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK112

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04882.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK112

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK112

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04882.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK113

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK113

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04900.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK113

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK113

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04900.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK113

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK113

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04900.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK114

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04917.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK114

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04917.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK114

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK114

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04917.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

VBLK115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK115

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04962.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

VBLK115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK115

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04962.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

VBLK115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK115

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04962.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

VBLK116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK116

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04981.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

VBLK116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK116

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04981.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

VBLK116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK116

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04981.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

VBLK117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK117

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05002.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 0 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

VBLK117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK117

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05002.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 0 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

VBLK117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK117

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05002.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 0 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

VBLK118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK118

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05020.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

VBLK118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK118

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05020.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

VBLK118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: VBLK118

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05020.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK119

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK119

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05048.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

VBLK119

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK119

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05048.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

VBLK119

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: VBLK119

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05048.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Vblk120

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk120

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05066.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Vblk120

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk120

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05066.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Vblk120

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk120

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05066.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Vblk121

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk121

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05083.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/19/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Vblk121

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk121

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05083.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/19/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Vblk121

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: Vblk121

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05083.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/19/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Vblk122

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk122

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05100.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 0 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Vblk122

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk122

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05100.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 0 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk122

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk122

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05100.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 0 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Vblk123

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk123

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05118.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Vblk123

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk123

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05118.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Vblk123

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk123

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05118.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Vblk124

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk124

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05135.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Vblk124

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Vblk124

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05135.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

TRIP BLANKS

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 3923.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01644.D

Level: (low/med) MED Date Received: 9/1/98

% Moisture: not dec. 0 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-14

Matrix: (soil/water) SOIL Lab Sample ID: 3923.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01644.D

Level: (low/med) MED Date Received: 9/1/98

% Moisture: not dec. 0 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01644.D

Level: (low/med) MED Date Received: 09/01/98

% Moisture: not dec. 0 Date Analyzed: 10/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01682.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	3200	
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01682.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01682.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 0 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01803.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	740	
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01803.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01803.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 0 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04883.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04883.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04883.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01883.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	430	J
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01883.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01883.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04921.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04921.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04921.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01961.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01961.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01961.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 0 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04968.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04968.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04968.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 0 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04989.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 0 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04989.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 0 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04989.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 0 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05016.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05016.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05016.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05032.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05032.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05032.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 0 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05058.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05058.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Trip Blank

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05058.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 0 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05085.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 0 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05085.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 0 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05085.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 0 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05108.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05108.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	300	J
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05108.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05140.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3200	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05140.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Trip Blank

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.01

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05140.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 0 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

FIELD DUPLICATES

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04807.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 10.32 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	990	
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04807.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 10.32 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04807.D

Level: (low/med) MED Date Received: 09/30/98

% Moisture: not dec. 10.32 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.43

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04911.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.34 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	1200	
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.43

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04911.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.34 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.43

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04911.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.34 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01895.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 14.89 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01895.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 14.89 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	610	U
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.25

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01895.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 14.89 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04946.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.01 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04946.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.01 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04946.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.01 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.33

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05015.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 9.98 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.33

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05015.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 9.98 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

Field Dup.

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.33

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05015.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 9.98 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05049.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 11.47 Date Analyzed: 11/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05049.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 11.47 Date Analyzed: 11/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.33

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05049.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 11.47 Date Analyzed: 11/17/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.24	2000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05105.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 11.35 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05105.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 11.35 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05105.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 11.35 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

SAMPLES

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01645.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 26.39 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-1

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01645.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 26.39 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	680	U
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-1

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.03

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01645.D

Level: (low/med) MED Date Received: 09/29/98

% Moisture: not dec. 26.39 Date Analyzed: 10/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01646.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 12.02 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01646.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 12.02 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-2

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01646.D

Level: (low/med) MED Date Received: 09/29/98

% Moisture: not dec. 12.02 Date Analyzed: 10/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01647.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 12.33 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01647.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 12.33 Date Analyzed: 10/8/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	560	U
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-3

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01647.D

Level: (low/med) MED Date Received: 09/29/98

% Moisture: not dec. 12.33 Date Analyzed: 10/08/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01648.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 10.37 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01648.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 10.37 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	570	U
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-4

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.09

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01648.D

Level: (low/med) MED Date Received: 09/29/98

% Moisture: not dec. 10.37 Date Analyzed: 10/09/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01649.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 16.91 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01649.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 16.91 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	620	U
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-5

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.11

Sample wt/vol: 9.6 (g/ml) G Lab File ID: VB01649.D

Level: (low/med) MED Date Received: 09/29/98

% Moisture: not dec. 16.91 Date Analyzed: 10/09/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01650.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 12.4 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01650.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 12.4 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	550	U
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-6

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01650.D

Level: (low/med) MED Date Received: 09/29/98

% Moisture: not dec. 12.4 Date Analyzed: 10/09/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01651.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 11.85 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample.ID: 3923.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01651.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 11.85 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-7

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01651.D

Level: (low/med) MED Date Received: 09/29/98

% Moisture: not dec. 11.85 Date Analyzed: 10/09/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB01666.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 3.96 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB01666.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 3.96 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	500	U
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-8

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.17

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB01666.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 3.96 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01667.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 17.48 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01667.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 17.48 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	610	U
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-9

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.19

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01667.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 17.48 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01668.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.64 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01668.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.64 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	550	U
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-10

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01668.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.64 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01669.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 15.98 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01669.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 15.98 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-11

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01669.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 15.98 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01670.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 6.62 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01670.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 6.62 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	530	U
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-12

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01670.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 6.62 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.27

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01671.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.69 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.27

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01671.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.69 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-13

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.27

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01671.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.69 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.29

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01672.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 41.05 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	3000	U
107131	Acrylonitrile	3000	U
75650	tert-Butyl alcohol	5600	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	860	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	430	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	860	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	860	U
75-35-4	1,1-Dichloroethene	430	U
67-64-1	Acetone	860	U
75-15-0	Carbon Disulfide	430	U
75-09-2	Methylene Chloride	860	U
156-60-5	trans-1,2-Dichloroethene	860	U
75-35-3	1,1-Dichloroethane	430	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	430	U
67-66-3	Chloroform	430	U
75-55-6	1,1,1-Trichloroethane	430	U
56-23-5	Carbon Tetrachloride	860	U
71-43-2	Benzene	430	U
107-06-2	1,2-Dichloroethane	860	U
79-01-6	Trichloroethene	430	U
78-87-5	1,2-Dichloropropane	430	U
75-27-4	Bromodichloromethane	430	U
110-75-8	2-Chloroethyl vinyl ether	860	U
10061-01-5	cis-1,3-Dichloropropene	430	U
108-10-1	4-Methyl-2-Pentanone	860	U
108-88-3	Toluene	430	U
10061-02-6	trans-1,3-Dichloropropene	860	U
79-00-5	1,1,2-Trichloroethane	860	U
127-18-4	Tetrachloroethene	430	U
591-78-6	2-Hexanone	860	U
126-48-1	Dibromochloromethane	860	U
108-90-7	Chlorobenzene	430	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.29

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01672.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 41.05 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	860	U
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	860	U
100-42-5	Styrene	860	U
75-25-2	Bromoform	860	U
79-34-5	1,1,2,2-Tetrachloroethane	860	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-14

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.29

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01672.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 41.05 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01673.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.67 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01673.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.67 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	570	U
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-15

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01673.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 13.67 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01674.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 9.94 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01674.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 9.94 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-16

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3923 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3923.33

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01674.D

Level: (low/med) MED Date Received: 9/29/98

% Moisture: not dec. 9.94 Date Analyzed: 10/9/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01683.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 10.89 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	1600	
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01683.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 10.89 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-17

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.03

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01683.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 10.89 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01684.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 8.53 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	830	
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01684.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 8.53 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	520	U
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-18

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01684.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 8.53 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01685.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 12.46 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	650	
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01685.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 12.46 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	590	U
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-19

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01685.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 12.46 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01686.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 10.73 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01686.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 10.73 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	570	U
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-20

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01686.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 10.73 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.11

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB01687.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 14.42 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.11

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB01687.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 14.42 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-41-4	Ethylbenzene	630	U
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-21

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.11

Sample wt/vol: 9.3 (g/ml) G Lab File ID: VB01687.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 14.42 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01688.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 12.44 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	490	J
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01688.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 12.44 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	570	U
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-22

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.13

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01688.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 12.44 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01689.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 13.71 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01689.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 13.71 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-23

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01689.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 13.71 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01690.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 16.47 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01690.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 16.47 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-24

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01690.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 16.47 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01691.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 6.87 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	370	
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01691.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 6.87 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	530	U
1330-20-7	m+p-Xylenes	270	J
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-25

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01691.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 6.87 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01692.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 5.58 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01692.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 5.58 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-26

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01692.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 5.58 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB01693.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 24.23 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4700	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	720	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	720	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	720	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	720	U
75-15-0	Carbon Disulfide	93	J
75-09-2	Methylene Chloride	720	U
156-60-5	trans-1,2-Dichloroethene	720	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	720	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	720	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	720	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	720	U
108-88-3	Toluene	620	
10061-02-6	trans-1,3-Dichloropropene	720	U
79-00-5	1,1,2-Trichloroethane	720	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	720	U
126-48-1	Dibromochloromethane	720	U
108-90-7	Chlorobenzene	360	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB01693.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 24.23 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	720	U
1330-20-7	m+p-Xylenes	450	J
1330-20-7	o-Xylene	720	U
100-42-5	Styrene	720	U
75-25-2	Bromoform	720	U
79-34-5	1,1,2,2-Tetrachloroethane	720	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-27

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3929 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3929.23

Sample wt/vol: 9.2 (g/ml) G Lab File ID: VB01693.D

Level: (low/med) MED Date Received: 09/30/98

% Moisture: not dec. 24.23 Date Analyzed: 10/12/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.25

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04804.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 8.17 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	900	
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.25

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04804.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 8.17 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-28

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.25

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04804.D

Level: (low/med) MED Date Received: 09/30/98

% Moisture: not dec. 8.17 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3995 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3995.01

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01882.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 15.11 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3995 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3995.01

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01882.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 15.11 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	560	U
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-29

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3995 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3995.01

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01882.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 15.11 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.29

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04805.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 13.54 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	920	
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.29

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04805.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 13.54 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-30

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.29

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04805.D

Level: (low/med) MED Date Received: 09/30/98

% Moisture: not dec. 13.54 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.31

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V04806.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 14.97 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	1000	
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.31

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V04806.D

Level: (low/med) MED Date Received: 9/30/98

% Moisture: not dec. 14.97 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-31

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.31

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V04806.D

Level: (low/med) MED Date Received: 09/30/98

% Moisture: not dec. 14.97 Date Analyzed: 10/12/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01804.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 12.12 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	890	
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01804.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 12.12 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	960	
1330-20-7	m+p-Xylenes	280	J
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-32

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01804.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 12.12 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000921-47-1	Hexane, 2,3,4-trimethyl-	26.91	3300	JN
2. 002216-33-3	Octane, 3-methyl-	27.24	3500	JN
3. 015869-94-0	Octane, 3,6-dimethyl-	29.38	3000	JN
4. 002847-72-5	Decane, 4-methyl-	32.22	3000	JN
5. 001678-93-9	Cyclohexane, butyl-	33.63	4300	JN
6. 013151-34-3	Decane, 3-methyl-	33.77	3900	JN
7. 000141-93-5	Benzene, 1,3-diethyl-	34.96	7600	JN
8. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	35.15	9400	JN
9. 000493-02-7	Naphthalene, decahydro-, trans-	35.32	4400	JN
10. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	35.87	3200	JN
11. 001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	36.17	3500	JN
12. 002687-12-9	Benzene, (3-chloro-1-propenyl)-	36.77	7400	JN
13. 000488-23-3	Benzene, 1,2,3,4-tetramethyl-	37.34	4800	JN
14. 002958-76-1	Naphthalene, decahydro-2-meth	37.41	6800	JN
15. 055669-88-0	Benzene, 1,4-dimethyl-2-(2-meth	37.52	3100	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01805.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.79 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1600	
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01805.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.79 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-33

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB01805.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.79 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-	31.83	10000	JN
2. 000535-77-3	Benzene, 1-methyl-3-(1-methylet	33.10	4600	JN
3. 006682-71-9	1H-Indene, 2,3-dihydro-4,7-dime	33.83	7100	JN
4. 002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-	35.39	5900	JN
5. 002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-	37.38	11000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01806.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 14.52 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	980	
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01806.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 14.52 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	590	U
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-34

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01806.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 14.52 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01807.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.61 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	710	
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01807.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.61 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	620	U
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-35

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.09

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01807.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.61 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01808.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 12.26 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	370	J
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01808.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 12.26 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-36

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01808.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 12.26 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.13

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01809.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.36 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	470	J
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.13

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01809.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.36 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-37

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.13

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01809.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.36 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01810.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 14.93 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	350	J
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01810.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 14.93 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-38

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.15

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01810.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 14.93 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01811.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 4.71 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	320	J
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	260	
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	1200	
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01811.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 4.71 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	280	J
1330-20-7	m+p-Xylenes	790	
1330-20-7	o-Xylene	470	J
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-39

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.17

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01811.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 4.71 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000107-31-3	Methyl formate	7.19	2200	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01812.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 7.77 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	580	J
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01812.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 7.77 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-40

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.19

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01812.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 7.77 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 002675-77-6	Benzene, 1,4-dichloro-2,5-dimet	30.07	1900	JN
2. 000000-00-0	1,2-Bis(trimethylsilyl)-4,5-dimeth	34.41	1900	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01813.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.75 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	800	
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01813.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.75 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-41

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01813.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 15.75 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.23

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01814.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.54 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	3300	
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.23

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01814.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.54 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	620	U
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-42

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.23

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01814.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.54 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.25

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB01815.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.77 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	990	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	990	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	990	U
75-69-4	Trichlorofluoromethane	660	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	660	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	2600	
156-60-5	trans-1,2-Dichloroethene	660	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	990	U
78-93-3	2-Butanone	990	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	660	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	660	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	660	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	660	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	660	U
79-00-5	1,1,2-Trichloroethane	660	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	660	U
126-48-1	Dibromochloromethane	660	U
108-90-7	Chlorobenzene	330	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.25

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB01815.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.77 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	660	U
1330-20-7	m+p-Xylenes	990	U
1330-20-7	o-Xylene	660	U
100-42-5	Styrene	660	U
75-25-2	Bromoform	660	U
79-34-5	1,1,2,2-Tetrachloroethane	660	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-43

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.25

Sample wt/vol: 8.6 (g/ml) G Lab File ID: VB01815.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 11.77 Date Analyzed: 10/22/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01838.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 13.87 Date Analyzed: 10/23/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01838.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 13.87 Date Analyzed: 10/23/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-44

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3984 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3984.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01838.D

Level: (low/med) MED Date Received: 10/19/98

% Moisture: not dec. 13.87 Date Analyzed: 10/23/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V04884.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.17 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V04884.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.17 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-45

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.03

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V04884.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.17 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04885.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 21.06 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1500	
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04885.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 21.06 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-46

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.05

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04885.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 21.06 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04886.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.77 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	1500	
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04886.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.77 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-47

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.07

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04886.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.77 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.25	1900	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04887.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.82 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	1400	
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04887.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.82 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-48

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04887.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.82 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04888.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.05 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	1400	
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04888.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.05 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-49

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04888.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.05 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04889.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.49 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1500	
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04889.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.49 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-50

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.13

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04889.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.49 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04890.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.53 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	1200	
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04890.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.53 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-51

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04890.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.53 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04891.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 17.58 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1400	
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04891.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 17.58 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-52

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.17

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04891.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 17.58 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.25	3400	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.19

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V04892.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 20.12 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	1600	
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.19

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V04892.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 20.12 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-53

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.19

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04892.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 0 Date Analyzed: 10/26/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	30.14	2900	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04893.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.78 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04893.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.78 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-54

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04893.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.78 Date Analyzed: 10/26/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04901.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.3 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04901.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.3 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-55

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.23

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04901.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.3 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.25

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04902.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 8.88 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.25

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04902.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 8.88 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-56

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.25

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04902.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 8.88 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V04903.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.5 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1200	
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V04903.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.5 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-57

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V04903.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.5 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04904.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 27.78 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2500	U
107131	Acrylonitrile	2500	U
75650	tert-Butyl alcohol	4600	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	710	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	360	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	710	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	710	U
75-35-4	1,1-Dichloroethene	360	U
67-64-1	Acetone	710	U
75-15-0	Carbon Disulfide	360	U
75-09-2	Methylene Chloride	1500	
156-60-5	trans-1,2-Dichloroethene	710	U
75-35-3	1,1-Dichloroethane	360	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	360	U
67-66-3	Chloroform	360	U
75-55-6	1,1,1-Trichloroethane	360	U
56-23-5	Carbon Tetrachloride	710	U
71-43-2	Benzene	360	U
107-06-2	1,2-Dichloroethane	710	U
79-01-6	Trichloroethene	360	U
78-87-5	1,2-Dichloropropane	360	U
75-27-4	Bromodichloromethane	360	U
110-75-8	2-Chloroethyl vinyl ether	710	U
10061-01-5	cis-1,3-Dichloropropene	360	U
108-10-1	4-Methyl-2-Pentanone	710	U
108-88-3	Toluene	360	U
10061-02-6	trans-1,3-Dichloropropene	710	U
79-00-5	1,1,2-Trichloroethane	710	U
127-18-4	Tetrachloroethene	360	U
591-78-6	2-Hexanone	710	U
126-48-1	Dibromochloromethane	710	U
108-90-7	Chlorobenzene	360	U
100-41-4	Ethylbenzene	710	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04904.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 27.78 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	710	U
100-42-5	Styrene	710	U
75-25-2	Bromoform	710	U
79-34-5	1,1,2,2-Tetrachloroethane	710	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-58

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04904.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 27.78 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04905.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.47 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04905.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.47 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-59

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04905.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.47 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04906.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 15.74 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	590	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04906.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 15.74 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-60

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.33

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04906.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 15.74 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.35

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04907.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.62 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.35

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04907.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.62 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-61

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.35

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04907.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.62 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.37

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04908.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.43 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.37

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04908.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.43 Date Analyzed: 10/27/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-62

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.37

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04908.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.43 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-63

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.39

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04909.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 7.92 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-63

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.39

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04909.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 7.92 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-63

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.39

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04909.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 7.92 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-64

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.41

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04910.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.61 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	1200	
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-64

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.41

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04910.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.61 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-64

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 3989 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 3989.41

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04910.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.61 Date Analyzed: 10/27/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64A

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01884.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.74 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64A

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01884.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.74 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-64A

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01884.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.74 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01885.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.75 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01885.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.75 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	560	U
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-65

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01885.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 9.75 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01886.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.39 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01886.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.39 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	570	U
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-66

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.07

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01886.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.39 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-67

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01887.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 32.63 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2600	U
107131	Acrylonitrile	2600	U
75650	tert-Butyl alcohol	4900	U
1634044	Methyl-tert-Butyl ether	1100	U
108203	Di-isopropyl ether	750	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1100	U
74-83-9	Bromomethane	750	U
75-00-3	Chloroethane	1100	U
75-69-4	Trichlorofluoromethane	750	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	750	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	750	U
156-60-5	trans-1,2-Dichloroethene	750	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1100	U
78-93-3	2-Butanone	1100	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	750	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	750	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	750	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	750	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	750	U
79-00-5	1,1,2-Trichloroethane	750	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	750	U
126-48-1	Dibromochloromethane	750	U
108-90-7	Chlorobenzene	380	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-67

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01887.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 32.63 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	750	U
1330-20-7	m+p-Xylenes	1100	U
1330-20-7	o-Xylene	750	U
100-42-5	Styrene	750	U
75-25-2	Bromoform	750	U
79-34-5	1,1,2,2-Tetrachloroethane	750	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-67

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.09

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01887.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 32.63 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01888.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.07 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01888.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.07 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	560	U
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-68

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.11

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01888.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 13.07 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.13

Sample wt/vol: 6.5 (g/ml) G Lab File ID: VB01889.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.59 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3300	U
107131	Acrylonitrile	3300	U
75650	tert-Butyl alcohol	6000	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	930	U
	Dichlorodifluoromethane	1900	U
74-87-3	Chloromethane	460	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	930	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	930	U
75-35-4	1,1-Dichloroethene	460	U
67-64-1	Acetone	930	U
75-15-0	Carbon Disulfide	460	U
75-09-2	Methylene Chloride	930	U
156-60-5	trans-1,2-Dichloroethene	930	U
75-35-3	1,1-Dichloroethane	460	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	460	U
67-66-3	Chloroform	460	U
75-55-6	1,1,1-Trichloroethane	460	U
56-23-5	Carbon Tetrachloride	930	U
71-43-2	Benzene	460	U
107-06-2	1,2-Dichloroethane	930	U
79-01-6	Trichloroethene	460	U
78-87-5	1,2-Dichloropropane	460	U
75-27-4	Bromodichloromethane	460	U
110-75-8	2-Chloroethyl vinyl ether	930	U
10061-01-5	cis-1,3-Dichloropropene	460	U
108-10-1	4-Methyl-2-Pentanone	930	U
108-88-3	Toluene	460	U
10061-02-6	trans-1,3-Dichloropropene	930	U
79-00-5	1,1,2-Trichloroethane	930	U
127-18-4	Tetrachloroethene	460	U
591-78-6	2-Hexanone	930	U
126-48-1	Dibromochloromethane	930	U
108-90-7	Chlorobenzene	460	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.13

Sample wt/vol: 6.5 (g/ml) G Lab File ID: VB01889.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.59 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
100-41-4	Ethylbenzene	930	U
1330-20-7	m+p-Xylenes	1400	U
1330-20-7	o-Xylene	930	U
100-42-5	Styrene	930	U
75-25-2	Bromoform	930	U
79-34-5	1,1,2,2-Tetrachloroethane	930	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-69

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.13

Sample wt/vol: 6.5 (g/ml) G Lab File ID: VB01889.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.59 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.15

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB01890.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.59 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	520	J
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.15

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB01890.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.59 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	650	U
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-70

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.15

Sample wt/vol: 8.7 (g/ml) G Lab File ID: VB01890.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.59 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-71

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01891.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 12.32 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-71

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01891.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 12.32 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-71

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB01891.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 12.32 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01892.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.47 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	530	J
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01892.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.47 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-72

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01892.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 16.47 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01893.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.21 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	930	
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01893.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.21 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	560	U
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-73

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01893.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 10.21 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.23

Sample wt/vol: 6.1 (g/ml) G Lab File ID: VB01894.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 8.83 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	3200	U
107131	Acrylonitrile	3200	U
75650	tert-Butyl alcohol	5900	U
1634044	Methyl-tert-Butyl ether	1400	U
108203	Di-isopropyl ether	900	U
	Dichlorodifluoromethane	1800	U
74-87-3	Chloromethane	450	U
75-01-4	Vinyl Chloride	1400	U
74-83-9	Bromomethane	900	U
75-00-3	Chloroethane	1400	U
75-69-4	Trichlorofluoromethane	900	U
75-35-4	1,1-Dichloroethene	450	U
67-64-1	Acetone	900	U
75-15-0	Carbon Disulfide	450	U
75-09-2	Methylene Chloride	900	U
156-60-5	trans-1,2-Dichloroethene	900	U
75-35-3	1,1-Dichloroethane	450	U
108-05-4	Vinyl Acetate	1400	U
78-93-3	2-Butanone	1400	U
	cis-1,2-Dichloroethene	450	U
67-66-3	Chloroform	450	U
75-55-6	1,1,1-Trichloroethane	450	U
56-23-5	Carbon Tetrachloride	900	U
71-43-2	Benzene	450	U
107-06-2	1,2-Dichloroethane	900	U
79-01-6	Trichloroethene	450	U
78-87-5	1,2-Dichloropropane	450	U
75-27-4	Bromodichloromethane	450	U
110-75-8	2-Chloroethyl vinyl ether	900	U
10061-01-5	cis-1,3-Dichloropropene	450	U
108-10-1	4-Methyl-2-Pentanone	900	U
108-88-3	Toluene	450	U
10061-02-6	trans-1,3-Dichloropropene	900	U
79-00-5	1,1,2-Trichloroethane	900	U
127-18-4	Tetrachloroethene	450	U
591-78-6	2-Hexanone	900	U
126-48-1	Dibromochloromethane	900	U
108-90-7	Chlorobenzene	450	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.23

Sample wt/vol: 6.1 (g/ml) G Lab File ID: VB01894.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 8.83 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	900	U
1330-20-7	m+p-Xylenes	1400	U
1330-20-7	o-Xylene	900	U
100-42-5	Styrene	900	U
75-25-2	Bromoform	900	U
79-34-5	1,1,2,2-Tetrachloroethane	900	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-74

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 3996 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 3996.23

Sample wt/vol: 6.1 (g/ml) G Lab File ID: VB01894.D

Level: (low/med) MED Date Received: 10/21/98

% Moisture: not dec. 8.83 Date Analyzed: 10/28/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01953.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.99 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	1300	
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01953.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.99 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-75

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.03

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01953.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.99 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04923.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.47 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG	Q
107028	Acrolein 1900	U
107131	Acrylonitrile 1900	U
75650	tert-Butyl alcohol 3600	U
1634044	Methyl-tert-Butyl ether 830	U
108203	Di-isopropyl ether 560	U
	Dichlorodifluoromethane 1100	U
74-87-3	Chloromethane 280	U
75-01-4	Vinyl Chloride 830	U
74-83-9	Bromomethane 560	U
75-00-3	Chloroethane 830	U
75-69-4	Trichlorofluoromethane 560	U
75-35-4	1,1-Dichloroethene 280	U
67-64-1	Acetone 560	U
75-15-0	Carbon Disulfide 280	U
75-09-2	Methylene Chloride 350	J
156-60-5	trans-1,2-Dichloroethene 560	U
75-35-3	1,1-Dichloroethane 280	U
108-05-4	Vinyl Acetate 830	U
78-93-3	2-Butanone 830	U
	cis-1,2-Dichloroethene 280	U
67-66-3	Chloroform 280	U
75-55-6	1,1,1-Trichloroethane 280	U
56-23-5	Carbon Tetrachloride 560	U
71-43-2	Benzene 280	U
107-06-2	1,2-Dichloroethane 560	U
79-01-6	Trichloroethene 280	U
78-87-5	1,2-Dichloropropane 280	U
75-27-4	Bromodichloromethane 280	U
110-75-8	2-Chloroethyl vinyl ether 560	U
10061-01-5	cis-1,3-Dichloropropene 280	U
108-10-1	4-Methyl-2-Pentanone 560	U
108-88-3	Toluene 280	U
10061-02-6	trans-1,3-Dichloropropene 560	U
79-00-5	1,1,2-Trichloroethane 560	U
127-18-4	Tetrachloroethene 280	U
591-78-6	2-Hexanone 560	U
126-48-1	Dibromochloromethane 560	U
108-90-7	Chlorobenzene 280	U
100-41-4	Ethylbenzene 560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04923.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.47 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-76

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V04923.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.47 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04924.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.9 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	390	J
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04924.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.9 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-77

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.07

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04924.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.9 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04925.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.59 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04925.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.59 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-78

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04925.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.59 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04926.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.42 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	450	J
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04926.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.42 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-79

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V04926.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.42 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04927.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 13.03 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04927.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 13.03 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-80

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04927.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 13.03 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.15

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04928.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.09 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.15

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04928.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.09 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-81

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.15

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V04928.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.09 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V04929.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.85 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V04929.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.85 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-82

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.17

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V04929.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.85 Date Analyzed: 10/28/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01954.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.01 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	470	J
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01954.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.01 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	550	U
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-83

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01954.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.01 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01955.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.65 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01955.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.65 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	550	U
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-84

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.21

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01955.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.65 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01956.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.81 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01956.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.81 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-85

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01956.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.81 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.25

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01957.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 1.75 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	720	U
108203	Di-isopropyl ether	480	U
	Dichlorodifluoromethane	950	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	720	U
74-83-9	Bromomethane	480	U
75-00-3	Chloroethane	720	U
75-69-4	Trichlorofluoromethane	480	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	480	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	480	U
156-60-5	trans-1,2-Dichloroethene	480	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	720	U
78-93-3	2-Butanone	720	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	480	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	480	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	480	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	480	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	480	U
79-00-5	1,1,2-Trichloroethane	480	U
127-18-4	Tetrachloroethene	240	U
591-78-6	2-Hexanone	480	U
126-48-1	Dibromochloromethane	480	U
108-90-7	Chlorobenzene	240	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.25

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01957.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 1.75 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	480	U
1330-20-7	m+p-Xylenes	720	U
1330-20-7	o-Xylene	480	U
100-42-5	Styrene	480	U
75-25-2	Bromoform	480	U
79-34-5	1,1,2,2-Tetrachloroethane	480	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-86

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.25

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01957.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 1.75 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
NJDEP LABORATORY CERTIFICATION # 13461

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: #IJN 98-0211

M-3 Landfill
Volume II

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1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-87

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01958.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.82 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-87

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01958.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.82 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	610	U
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-87

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01958.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.82 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-88

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.29

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB01959.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.65 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-88

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.29

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB01959.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.65 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	530	U
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-88

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.29

Sample wt/vol: 10.4 (g/ml) G Lab File ID: VB01959.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 8.65 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-89

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.31

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB01960.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.61 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-89

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.31

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB01960.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.61 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
100-41-4	Ethylbenzene	590	U
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-89

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4007 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4007.31

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB01960.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.61 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-90

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01962.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.38 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-90

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01962.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.38 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-90

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.03

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB01962.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.38 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01965.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.27 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01965.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.27 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	560	U
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-91

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.05

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01965.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.27 Date Analyzed: 11/3/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01988.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 16.14 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01988.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 16.14 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-92

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.07

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB01988.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 16.14 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-93

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01989.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 7.95 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-93

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01989.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 7.95 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	530	U
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-93

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.09

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01989.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 7.95 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01990.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.51 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01990.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.51 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	560	U
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-94

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB01990.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.51 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01991.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.4 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01991.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.4 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-95

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01991.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.4 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01992.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.35 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01992.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.35 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	550	U
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-96

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.15

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01992.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 10.35 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.17

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01993.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.1 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.17

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01993.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.1 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	530	U
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-97

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.17

Sample wt/vol: 10.7 (g/ml) G Lab File ID: VB01993.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.1 Date Analyzed: 11/4/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01994.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.15 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01994.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.15 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	560	U
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-98

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.19

Sample wt/vol: 10.2 (g/ml) G Lab File ID: VB01994.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.15 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01995.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 19.22 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01995.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 19.22 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-99

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: VB01995.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 19.22 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.23

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01996.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.24 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.23

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01996.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.24 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	550	U
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-100

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.23

Sample wt/vol: 10.5 (g/ml) G Lab File ID: VB01996.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.24 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.25

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01997.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.4 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.25

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01997.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.4 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-101

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4009 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4009.25

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB01997.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 9.4 Date Analyzed: 11/5/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.27

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04943.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.55 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.27

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04943.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.55 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-102

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.27

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04943.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 11.55 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-103

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.29

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04944.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.78 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-103

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.29

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04944.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.78 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-103

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.29

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V04944.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 14.78 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-104

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04945.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.29 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-104

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04945.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.29 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-104

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04945.D

Level: (low/med) MED Date Received: 10/27/98

% Moisture: not dec. 12.29 Date Analyzed: 11/05/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-105

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04969.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.88 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-105

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04969.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.88 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-105

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.03

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V04969.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.88 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-106

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04970.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.85 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-106

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04970.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.85 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-106

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.05

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04970.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.85 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-107

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04971.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 13.21 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-107

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04971.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 13.21 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-107

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04971.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 13.21 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-108

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04972.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 12.22 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-108

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04972.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 12.22 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-108

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.09

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04972.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 12.22 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.22	16000	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-109

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04973.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 3.36 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	760	U
108203	Di-isopropyl ether	510	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	760	U
74-83-9	Bromomethane	510	U
75-00-3	Chloroethane	760	U
75-69-4	Trichlorofluoromethane	510	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	510	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	510	U
156-60-5	trans-1,2-Dichloroethene	510	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	760	U
78-93-3	2-Butanone	760	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	510	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	510	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	510	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	510	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	510	U
79-00-5	1,1,2-Trichloroethane	510	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	510	U
126-48-1	Dibromochloromethane	510	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	510	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-109

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04973.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 3.36 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	760	U
1330-20-7	o-Xylene	510	U
100-42-5	Styrene	510	U
75-25-2	Bromoform	510	U
79-34-5	1,1,2,2-Tetrachloroethane	510	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-109

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04973.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 3.36 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.23	2000	J
2. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.91	1700	JN
3. 000124-18-5	Decane	31.66	6500	JN
4. 017302-28-2	Nonane, 2,6-dimethyl-	32.28	2700	JN
5. 001120-21-4	Undecane	34.66	4200	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-110

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04974.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 12.67 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-110

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04974.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 12.67 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-110

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.13

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V04974.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 12.67 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-111

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04975.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 17.54 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-111

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04975.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 17.54 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-111

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.15

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04975.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 17.54 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-112

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.17

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04976.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 9.74 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-112

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.17

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04976.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 9.74 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-112

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.17

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V04976.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 9.74 Date Analyzed: 11/06/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-113

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.19

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04982.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 2.5 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-113

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.19

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04982.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 2.5 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-113

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.19

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V04982.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 2.5 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-114

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V04983.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 16.03 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	960	U
108203	Di-isopropyl ether	640	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	960	U
74-83-9	Bromomethane	640	U
75-00-3	Chloroethane	960	U
75-69-4	Trichlorofluoromethane	640	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	640	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	640	U
156-60-5	trans-1,2-Dichloroethene	640	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	960	U
78-93-3	2-Butanone	960	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	640	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	640	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	640	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	640	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	640	U
79-00-5	1,1,2-Trichloroethane	640	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	640	U
126-48-1	Dibromochloromethane	640	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	640	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-114

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V04983.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 16.03 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	960	U
1330-20-7	o-Xylene	640	U
100-42-5	Styrene	640	U
75-25-2	Bromoform	640	U
79-34-5	1,1,2,2-Tetrachloroethane	640	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-114

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.21

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V04983.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 16.03 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04984.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.26 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04984.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.26 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-115

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.23

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04984.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.26 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04985.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.01 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	500	
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04985.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.01 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-116

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.25

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04985.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.01 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V04986.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.74 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V04986.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.74 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-117

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V04986.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 4.74 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000124-18-5	Decane	31.66	4300	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.29

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V04987.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 2.38 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1700	U
107131	Acrylonitrile	1700	U
75650	tert-Butyl alcohol	3100	U
1634044	Methyl-tert-Butyl ether	720	U
108203	Di-isopropyl ether	480	U
	Dichlorodifluoromethane	950	U
74-87-3	Chloromethane	240	U
75-01-4	Vinyl Chloride	720	U
74-83-9	Bromomethane	480	U
75-00-3	Chloroethane	720	U
75-69-4	Trichlorofluoromethane	480	U
75-35-4	1,1-Dichloroethene	240	U
67-64-1	Acetone	480	U
75-15-0	Carbon Disulfide	240	U
75-09-2	Methylene Chloride	480	U
156-60-5	trans-1,2-Dichloroethene	480	U
75-35-3	1,1-Dichloroethane	240	U
108-05-4	Vinyl Acetate	720	U
78-93-3	2-Butanone	720	U
	cis-1,2-Dichloroethene	240	U
67-66-3	Chloroform	240	U
75-55-6	1,1,1-Trichloroethane	240	U
56-23-5	Carbon Tetrachloride	480	U
71-43-2	Benzene	240	U
107-06-2	1,2-Dichloroethane	480	U
79-01-6	Trichloroethene	240	U
78-87-5	1,2-Dichloropropane	240	U
75-27-4	Bromodichloromethane	240	U
110-75-8	2-Chloroethyl vinyl ether	480	U
10061-01-5	cis-1,3-Dichloropropene	240	U
108-10-1	4-Methyl-2-Pentanone	480	U
108-88-3	Toluene	240	U
10061-02-6	trans-1,3-Dichloropropene	480	U
79-00-5	1,1,2-Trichloroethane	480	U
127-18-4	Tetrachloroethene	2300	
591-78-6	2-Hexanone	480	U
126-48-1	Dibromochloromethane	480	U
108-90-7	Chlorobenzene	240	U
100-41-4	Ethylbenzene	480	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.29

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V04987.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 2.38 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	720	U
1330-20-7	o-Xylene	480	U
100-42-5	Styrene	480	U
75-25-2	Bromoform	480	U
79-34-5	1,1,2,2-Tetrachloroethane	480	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-118

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.29

Sample wt/vol: 10.7 (g/ml) G Lab File ID: V04987.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 2.38 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-119

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.31

Sample wt/vol: 8.7 (g/ml) G Lab File ID: V04988.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.33 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	330	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-119

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.31

Sample wt/vol: 8.7 (g/ml) G Lab File ID: V04988.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.33 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-119

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4024 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4024.31

Sample wt/vol: 8.7 (g/ml) G Lab File ID: V04988.D

Level: (low/med) MED Date Received: 11/02/98

% Moisture: not dec. 11.33 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-120

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04990.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 2.91 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-120

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04990.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 2.91 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-120

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V04990.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 2.91 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-121

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04991.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 15.21 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-121

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04991.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 15.21 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-121

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.05

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V04991.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 15.21 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-122

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V04992.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 11.64 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	940	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	940	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	940	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	940	U
78-93-3	2-Butanone	940	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	450	
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-122

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V04992.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 11.64 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	940	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-122

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.07

Sample wt/vol: 9.0 (g/ml) G Lab File ID: V04992.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 11.64 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-123

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04993.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 9.58 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-123

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04993.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 9.58 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-123

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.09

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V04993.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 9.58 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-124

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04994.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.17 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-124

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04994.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.17 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-124

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.11

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V04994.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.17 Date Analyzed: 11/09/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-125

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05003.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.66 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	460	
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	430	
100-41-4	Ethylbenzene	300	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-125

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05003.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.66 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	560	J
1330-20-7	o-Xylene	280	J
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-125

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05003.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.66 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 11

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000111-84-2	Nonane	28.32	2300	JN
2. 005911-04-6	Nonane, 3-methyl-	29.46	3300	JN
3. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.91	3900	JN
4.	unknown	30.41	6200	J
5.	unknown	31.52	2200	J
6. 000124-18-5	Decane	31.66	3000	JN
7. 002847-72-5	Decane, 4-methyl-	32.28	6000	JN
8.	unknown	32.91	1600	J
9.	unknown	33.38	1700	J
10.	unknown	35.04	1900	J
11.	unknown	35.42	1700	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-126

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05004.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 15.05 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-126

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05004.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 15.05 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-126

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.15

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05004.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 15.05 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-127

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.17

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05005.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 7.14 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-127

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.17

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05005.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 7.14 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-127

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.17

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05005.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 7.14 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-128

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05006.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 4.86 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-128

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05006.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 4.86 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-128

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.19

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05006.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 4.86 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-129

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05007.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 13.66 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-129

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05007.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 13.66 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-129

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.21

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05007.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 13.66 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-130

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05008.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 12.92 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-130

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05008.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 12.92 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	850	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-130

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.23

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05008.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 12.92 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-131

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.25

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05009.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 13.64 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	550	
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	740	
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	510	
100-41-4	Ethylbenzene	1700	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-131

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.25

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05009.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 13.64 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	2600	
1330-20-7	o-Xylene	1500	
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-131

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.25

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05009.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 13.64 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	27.34	2400	J
2. 000111-84-2	Nonane	28.33	4500	JN
3. 005911-04-6	Nonane, 3-methyl-	29.47	6200	JN
4. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.91	5700	JN
5.	unknown	30.42	13000	J
6.	unknown	30.77	5000	J
7.	unknown	31.53	3600	J
8. 000124-18-5	Decane	31.67	9100	JN
9. 000099-82-1	1-Methyl-4-(1-methylethyl)-cycloh	31.89	2500	JN
10. 002847-72-5	Decane, 4-methyl-	32.29	8300	JN
11. 001678-93-9	Cyclohexane, butyl-	33.71	4600	JN
12.	unknown	34.67	3200	J
13.	unknown	35.05	2600	J
14. 000493-02-7	Naphthalene, decahydro-, trans-	35.42	2900	JN
15. 000496-11-7	Indane	35.53	4400	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-132

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05010.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 5.48 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	400	
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	1100	
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-132

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05010.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 5.48 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	560	J
1330-20-7	o-Xylene	350	J
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-132

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.27

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05010.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 5.48 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-133

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05011.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.36 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-133

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05011.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.36 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-133

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05011.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 8.36 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-134

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05012.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 14.06 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-134

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05012.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 14.06 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-134

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4027 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4027.31

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05012.D

Level: (low/med) MED Date Received: 11/03/98

% Moisture: not dec. 14.06 Date Analyzed: 11/10/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-135

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.03

Sample wt/vol: 4.6 (g/ml) G Lab File ID: V05017.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 11.6 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	4300	U
107131	Acrylonitrile	4300	U
75650	tert-Butyl alcohol	7900	U
1634044	Methyl-tert-Butyl ether	1800	U
108203	Di-isopropyl ether	1200	U
	Dichlorodifluoromethane	2400	U
74-87-3	Chloromethane	610	U
75-01-4	Vinyl Chloride	1800	U
74-83-9	Bromomethane	1200	U
75-00-3	Chloroethane	1800	U
75-69-4	Trichlorofluoromethane	1200	U
75-35-4	1,1-Dichloroethene	610	U
67-64-1	Acetone	1200	U
75-15-0	Carbon Disulfide	610	U
75-09-2	Methylene Chloride	1200	U
156-60-5	trans-1,2-Dichloroethene	1200	U
75-35-3	1,1-Dichloroethane	610	U
108-05-4	Vinyl Acetate	1800	U
78-93-3	2-Butanone	1800	U
	cis-1,2-Dichloroethene	610	U
67-66-3	Chloroform	610	U
75-55-6	1,1,1-Trichloroethane	610	U
56-23-5	Carbon Tetrachloride	1200	U
71-43-2	Benzene	610	U
107-06-2	1,2-Dichloroethane	1200	U
79-01-6	Trichloroethene	610	U
78-87-5	1,2-Dichloropropane	610	U
75-27-4	Bromodichloromethane	610	U
110-75-8	2-Chloroethyl vinyl ether	1200	U
10061-01-5	cis-1,3-Dichloropropene	610	U
108-10-1	4-Methyl-2-Pentanone	1200	U
108-88-3	Toluene	610	U
10061-02-6	trans-1,3-Dichloropropene	1200	U
79-00-5	1,1,2-Trichloroethane	1200	U
127-18-4	Tetrachloroethene	610	U
591-78-6	2-Hexanone	1200	U
126-48-1	Dibromochloromethane	1200	U
108-90-7	Chlorobenzene	610	U
100-41-4	Ethylbenzene	1200	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-135

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.03

Sample wt/vol: 4.6 (g/ml) G Lab File ID: V05017.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 11.6 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	1800	U
1330-20-7	o-Xylene	1200	U
100-42-5	Styrene	1200	U
75-25-2	Bromoform	1200	U
79-34-5	1,1,2,2-Tetrachloroethane	1200	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-135

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.03

Sample wt/vol: 4.6 (g/ml) G Lab File ID: V05017.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 11.6 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-136

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.05

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V05022.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 7.62 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-136

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.05

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V05022.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 7.62 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-136

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.05

Sample wt/vol: 10.8 (g/ml) G Lab File ID: V05022.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 7.62 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-137

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05023.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 16.52 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-137

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05023.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 16.52 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	320	J
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-137

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.07

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05023.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 16.52 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID
B-138

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05024.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 14.97 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-138

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05024.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 14.97 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-138

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05024.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 14.97 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 000124-18-5	Decane	31.67	1800	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-139

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05025.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 11.83 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-139

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05025.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 11.83 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-139

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.11

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05025.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 11.83 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-140

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05026.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 12.93 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-140

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05026.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 12.93 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-140

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.13

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05026.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 12.93 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-141

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05027.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 13.72 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-141

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05027.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 13.72 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-141

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05027.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 13.72 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-142

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05028.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 34.97 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2800	U
107131	Acrylonitrile	2800	U
75650	tert-Butyl alcohol	5100	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	790	U
	Dichlorodifluoromethane	1600	U
74-87-3	Chloromethane	400	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	790	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	790	U
75-35-4	1,1-Dichloroethene	400	U
67-64-1	Acetone	790	U
75-15-0	Carbon Disulfide	400	U
75-09-2	Methylene Chloride	790	U
156-60-5	trans-1,2-Dichloroethene	790	U
75-35-3	1,1-Dichloroethane	400	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	400	U
67-66-3	Chloroform	400	U
75-55-6	1,1,1-Trichloroethane	400	U
56-23-5	Carbon Tetrachloride	790	U
71-43-2	Benzene	400	U
107-06-2	1,2-Dichloroethane	790	U
79-01-6	Trichloroethene	400	U
78-87-5	1,2-Dichloropropane	400	U
75-27-4	Bromodichloromethane	400	U
110-75-8	2-Chloroethyl vinyl ether	790	U
10061-01-5	cis-1,3-Dichloropropene	400	U
108-10-1	4-Methyl-2-Pentanone	790	U
108-88-3	Toluene	400	U
10061-02-6	trans-1,3-Dichloropropene	790	U
79-00-5	1,1,2-Trichloroethane	790	U
127-18-4	Tetrachloroethene	400	U
591-78-6	2-Hexanone	790	U
126-48-1	Dibromochloromethane	790	U
108-90-7	Chlorobenzene	400	U
100-41-4	Ethylbenzene	530	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-142

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05028.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 34.97 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	790	U
100-42-5	Styrene	790	U
75-25-2	Bromoform	790	U
79-34-5	1,1,2,2-Tetrachloroethane	790	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-142

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05028.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 34.97 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-143

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.19

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05029.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 2.83 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	620	
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	290	
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-143

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.19

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05029.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 2.83 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	550	J
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-143

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4030 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4030.19

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05029.D

Level: (low/med) MED Date Received: 11/04/98

% Moisture: not dec. 2.83 Date Analyzed: 11/11/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.22	2100	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05033.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 10.53 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05033.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 10.53 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-144

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.03

Sample wt/vol: 9.2 (g/ml) G Lab File ID: V05033.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 10.53 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05034.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 13.61 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05034.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 13.61 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-145

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.05

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05034.D

Level: (low/med) MED Date Received: 11/09/98

% Moisture: not dec. 13.61 Date Analyzed: 11/11/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-146

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB02096.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 5.58 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	790	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	790	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	790	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	790	U
78-93-3	2-Butanone	790	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	260	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-146

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB02096.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 5.58 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	530	U
1330-20-7	m+p-Xylenes	790	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-146

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.07

Sample wt/vol: 10.1 (g/ml) G Lab File ID: VB02096.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 5.58 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-147

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02097.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 13.55 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-147

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02097.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 13.55 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-147

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.09

Sample wt/vol: 10.0 (g/ml) G Lab File ID: VB02097.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 13.55 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-148

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02098.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 5.17 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-148

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02098.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 5.17 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	540	U
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-148

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.11

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02098.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 5.17 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-149

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02099.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 11.42 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-149

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02099.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 11.42 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-149

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.13

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02099.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 11.42 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB02100.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.73 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	320	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB02100.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.73 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	630	U
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-150

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.15

Sample wt/vol: 9.1 (g/ml) G Lab File ID: VB02100.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.73 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-151

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.17

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02101.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.92 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	1200	
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

FIELD ID.

VOLATILE ORGANICS ANALYSIS DATA SHEET

B-151

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.17

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02101.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.92 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-151

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.17

Sample wt/vol: 9.5 (g/ml) G Lab File ID: VB02101.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.92 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-152

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02102.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 13.33 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-152

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02102.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 13.33 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	590	U
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-152

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: VB02102.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 13.33 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-153

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02103.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 10.85 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-153

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02103.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 10.85 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	570	U
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-153

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.21

Sample wt/vol: 9.8 (g/ml) G Lab File ID: VB02103.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 10.85 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-154

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.23

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02104.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.14 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-154

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.23

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02104.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.14 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	600	U
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-154

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.23

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02104.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.14 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-155

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02105.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.09 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	1100	
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-155

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02105.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.09 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	580	U
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-155

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: VB02105.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.09 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-156

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02106.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 31.32 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2700	U
107131	Acrylonitrile	2700	U
75650	tert-Butyl alcohol	5000	U
1634044	Methyl-tert-Butyl ether	1200	U
108203	Di-isopropyl ether	770	U
	Dichlorodifluoromethane	1500	U
74-87-3	Chloromethane	380	U
75-01-4	Vinyl Chloride	1200	U
74-83-9	Bromomethane	770	U
75-00-3	Chloroethane	1200	U
75-69-4	Trichlorofluoromethane	770	U
75-35-4	1,1-Dichloroethene	380	U
67-64-1	Acetone	770	U
75-15-0	Carbon Disulfide	380	U
75-09-2	Methylene Chloride	770	U
156-60-5	trans-1,2-Dichloroethene	770	U
75-35-3	1,1-Dichloroethane	380	U
108-05-4	Vinyl Acetate	1200	U
78-93-3	2-Butanone	1200	U
	cis-1,2-Dichloroethene	380	U
67-66-3	Chloroform	380	U
75-55-6	1,1,1-Trichloroethane	380	U
56-23-5	Carbon Tetrachloride	770	U
71-43-2	Benzene	380	U
107-06-2	1,2-Dichloroethane	770	U
79-01-6	Trichloroethene	380	U
78-87-5	1,2-Dichloropropane	380	U
75-27-4	Bromodichloromethane	380	U
110-75-8	2-Chloroethyl vinyl ether	770	U
10061-01-5	cis-1,3-Dichloropropene	380	U
108-10-1	4-Methyl-2-Pentanone	770	U
108-88-3	Toluene	380	U
10061-02-6	trans-1,3-Dichloropropene	770	U
79-00-5	1,1,2-Trichloroethane	770	U
127-18-4	Tetrachloroethene	380	U
591-78-6	2-Hexanone	770	U
126-48-1	Dibromochloromethane	770	U
108-90-7	Chlorobenzene	380	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-156

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02106.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 31.32 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
100-41-4	Ethylbenzene	770	U
1330-20-7	m+p-Xylenes	1200	U
1330-20-7	o-Xylene	770	U
100-42-5	Styrene	770	U
75-25-2	Bromoform	770	U
79-34-5	1,1,2,2-Tetrachloroethane	770	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-156

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.27

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02106.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 31.32 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-157

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.29

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02107.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.76 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-157

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.29

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02107.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.76 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	610	U
1330-20-7	m+p-Xylenes	920	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-157

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.29

Sample wt/vol: 9.4 (g/ml) G Lab File ID: VB02107.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 12.76 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-158

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.31

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB02108.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 16.93 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-158

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.31

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB02108.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 16.93 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
100-41-4	Ethylbenzene	350	J
1330-20-7	m+p-Xylenes	370	J
1330-20-7	o-Xylene	420	J
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-158

Lab Name: FMETL NJDEP # 13561

Project: 980211 Case No.: 4041 SDG No: _____ Location: M-3

Matrix: (soil/water) SOIL Lab Sample ID: 4041.31

Sample wt/vol: 8.9 (g/ml) G Lab File ID: VB02108.D

Level: (low/med) MED Date Received: 11/9/98

% Moisture: not dec. 16.93 Date Analyzed: 11/16/98

GC Column: RTX-502 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 003728-57-2	Cyclopentane, 1-methyl-2-propyl	30.34	3500	JN
2. 002847-72-5	Decane, 4-methyl-	32.22	2600	JN
3. 001678-93-9	Cyclohexane, butyl-	33.64	2500	JN
4. 005989-27-5	D-Limonene	33.97	3100	JN
5. 000493-02-7	Naphthalene, decahydro-, trans-	35.33	2100	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-159

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.03

Sample wt/vol: 8.7 (g/ml) G Lab File ID: V05059.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.17 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	670	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	670	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	670	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	670	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	670	U
156-60-5	trans-1,2-Dichloroethene	670	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	670	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	670	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	670	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	670	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	670	U
79-00-5	1,1,2-Trichloroethane	670	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	670	U
126-48-1	Dibromochloromethane	670	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	670	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-159

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.03

Sample wt/vol: 8.7 (g/ml) G Lab File ID: V05059.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.17 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	670	U
100-42-5	Styrene	670	U
75-25-2	Bromoform	670	U
79-34-5	1,1,2,2-Tetrachloroethane	670	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-159

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.03

Sample wt/vol: 8.7 (g/ml) G Lab File ID: V05059.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.17 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-160

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.05

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V05060.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 9.11 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4300	U
1634044	Methyl-tert-Butyl ether	980	U
108203	Di-isopropyl ether	660	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	330	U
75-01-4	Vinyl Chloride	980	U
74-83-9	Bromomethane	660	U
75-00-3	Chloroethane	980	U
75-69-4	Trichlorofluoromethane	660	U
75-35-4	1,1-Dichloroethene	330	U
67-64-1	Acetone	660	U
75-15-0	Carbon Disulfide	330	U
75-09-2	Methylene Chloride	660	U
156-60-5	trans-1,2-Dichloroethene	660	U
75-35-3	1,1-Dichloroethane	330	U
108-05-4	Vinyl Acetate	980	U
78-93-3	2-Butanone	980	U
	cis-1,2-Dichloroethene	330	U
67-66-3	Chloroform	330	U
75-55-6	1,1,1-Trichloroethane	330	U
56-23-5	Carbon Tetrachloride	660	U
71-43-2	Benzene	330	U
107-06-2	1,2-Dichloroethane	660	U
79-01-6	Trichloroethene	330	U
78-87-5	1,2-Dichloropropane	330	U
75-27-4	Bromodichloromethane	330	U
110-75-8	2-Chloroethyl vinyl ether	660	U
10061-01-5	cis-1,3-Dichloropropene	330	U
108-10-1	4-Methyl-2-Pentanone	660	U
108-88-3	Toluene	650	
10061-02-6	trans-1,3-Dichloropropene	660	U
79-00-5	1,1,2-Trichloroethane	660	U
127-18-4	Tetrachloroethene	330	U
591-78-6	2-Hexanone	660	U
126-48-1	Dibromochloromethane	660	U
108-90-7	Chlorobenzene	330	U
100-41-4	Ethylbenzene	660	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-160

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.05

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V05060.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 9.11 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	980	U
1330-20-7	o-Xylene	660	U
100-42-5	Styrene	660	U
75-25-2	Bromoform	660	U
79-34-5	1,1,2,2-Tetrachloroethane	660	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-160

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.05

Sample wt/vol: 8.4 (g/ml) G Lab File ID: V05060.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 9.11 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-161

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.07

Sample wt/vol: 7.2 (g/ml) G Lab File ID: V05061.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 17.59 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	3000	U
107131	Acrylonitrile	3000	U
75650	tert-Butyl alcohol	5500	U
1634044	Methyl-tert-Butyl ether	1300	U
108203	Di-isopropyl ether	850	U
	Dichlorodifluoromethane	1700	U
74-87-3	Chloromethane	420	U
75-01-4	Vinyl Chloride	1300	U
74-83-9	Bromomethane	850	U
75-00-3	Chloroethane	1300	U
75-69-4	Trichlorofluoromethane	850	U
75-35-4	1,1-Dichloroethene	420	U
67-64-1	Acetone	850	U
75-15-0	Carbon Disulfide	420	U
75-09-2	Methylene Chloride	850	U
156-60-5	trans-1,2-Dichloroethene	850	U
75-35-3	1,1-Dichloroethane	420	U
108-05-4	Vinyl Acetate	1300	U
78-93-3	2-Butanone	1300	U
	cis-1,2-Dichloroethene	420	U
67-66-3	Chloroform	420	U
75-55-6	1,1,1-Trichloroethane	420	U
56-23-5	Carbon Tetrachloride	850	U
71-43-2	Benzene	420	U
107-06-2	1,2-Dichloroethane	850	U
79-01-6	Trichloroethene	420	U
78-87-5	1,2-Dichloropropane	420	U
75-27-4	Bromodichloromethane	420	U
110-75-8	2-Chloroethyl vinyl ether	850	U
10061-01-5	cis-1,3-Dichloropropene	420	U
108-10-1	4-Methyl-2-Pentanone	850	U
108-88-3	Toluene	420	U
10061-02-6	trans-1,3-Dichloropropene	850	U
79-00-5	1,1,2-Trichloroethane	850	U
127-18-4	Tetrachloroethene	420	U
591-78-6	2-Hexanone	850	U
126-48-1	Dibromochloromethane	850	U
108-90-7	Chlorobenzene	420	U
100-41-4	Ethylbenzene	850	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-161

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.07

Sample wt/vol: 7.2 (g/ml) G Lab File ID: V05061.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 17.59 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1300	U
1330-20-7	o-Xylene	850	U
100-42-5	Styrene	850	U
75-25-2	Bromoform	850	U
79-34-5	1,1,2,2-Tetrachloroethane	850	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-161

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.07

Sample wt/vol: 7.2 (g/ml) G Lab File ID: V05061.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 17.59 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-162

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05062.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 11.9 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	1400	J
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-162

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05062.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 11.9 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-162

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.09

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05062.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 11.9 Date Analyzed: 11/17/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-163

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05067.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 8.38 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-163

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05067.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 8.38 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-163

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.11

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05067.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 8.38 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-164

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.13

Sample wt/vol: 8.3 (g/ml) G Lab File ID: V05068.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 13.12 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4500	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	700	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	350	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	700	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	700	U
75-35-4	1,1-Dichloroethene	350	U
67-64-1	Acetone	700	U
75-15-0	Carbon Disulfide	350	U
75-09-2	Methylene Chloride	700	U
156-60-5	trans-1,2-Dichloroethene	700	U
75-35-3	1,1-Dichloroethane	350	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	350	U
67-66-3	Chloroform	350	U
75-55-6	1,1,1-Trichloroethane	350	U
56-23-5	Carbon Tetrachloride	700	U
71-43-2	Benzene	350	U
107-06-2	1,2-Dichloroethane	700	U
79-01-6	Trichloroethene	350	U
78-87-5	1,2-Dichloropropane	350	U
75-27-4	Bromodichloromethane	350	U
110-75-8	2-Chloroethyl vinyl ether	700	U
10061-01-5	cis-1,3-Dichloropropene	350	U
108-10-1	4-Methyl-2-Pentanone	700	U
108-88-3	Toluene	350	U
10061-02-6	trans-1,3-Dichloropropene	700	U
79-00-5	1,1,2-Trichloroethane	700	U
127-18-4	Tetrachloroethene	350	U
591-78-6	2-Hexanone	700	U
126-48-1	Dibromochloromethane	700	U
108-90-7	Chlorobenzene	350	U
100-41-4	Ethylbenzene	700	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-164

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.13

Sample wt/vol: 8.3 (g/ml) G Lab File ID: V05068.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 13.12 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	700	U
100-42-5	Styrene	700	U
75-25-2	Bromoform	700	U
79-34-5	1,1,2,2-Tetrachloroethane	700	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-164

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.13

Sample wt/vol: 8.3 (g/ml) G Lab File ID: V05068.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 13.12 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	14.23	2100	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-165

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05069.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 8.34 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	280	
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	560	
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-165

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05069.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 8.34 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-165

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.15

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05069.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 8.34 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-166

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05070.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.98 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-166

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05070.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.98 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-166

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.17

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05070.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.98 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-167

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05071.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 7.47 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-167

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05071.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 7.47 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-167

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.19

Sample wt/vol: 9.7 (g/ml) G Lab File ID: V05071.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 7.47 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-168

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05072.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 10.45 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	530	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	530	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	530	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	530	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	530	U
156-60-5	trans-1,2-Dichloroethene	530	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	530	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	530	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	530	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	530	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	530	U
79-00-5	1,1,2-Trichloroethane	530	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	530	U
126-48-1	Dibromochloromethane	530	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	530	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-168

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05072.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 10.45 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	530	U
100-42-5	Styrene	530	U
75-25-2	Bromoform	530	U
79-34-5	1,1,2,2-Tetrachloroethane	530	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-168

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.21

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05072.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 10.45 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 015869-94-0	Octane, 3,6-dimethyl-	29.46	2100	JN
2. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.90	2800	JN
3.	unknown	30.41	2400	J
4. 006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	31.52	2300	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-169

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.23

Sample wt/vol: 8.1 (g/ml) G Lab File ID: V05073.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 4.35 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2300	U
107131	Acrylonitrile	2300	U
75650	tert-Butyl alcohol	4200	U
1634044	Methyl-tert-Butyl ether	970	U
108203	Di-isopropyl ether	650	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	970	U
74-83-9	Bromomethane	650	U
75-00-3	Chloroethane	970	U
75-69-4	Trichlorofluoromethane	650	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	650	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	650	U
156-60-5	trans-1,2-Dichloroethene	650	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	970	U
78-93-3	2-Butanone	970	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	650	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	650	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	650	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	650	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	650	U
79-00-5	1,1,2-Trichloroethane	650	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	650	U
126-48-1	Dibromochloromethane	650	U
108-90-7	Chlorobenzene	320	U
100-41-4	Ethylbenzene	650	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-169

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.23

Sample wt/vol: 8.1 (g/ml) G Lab File ID: V05073.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 4.35 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	970	U
1330-20-7	o-Xylene	650	U
100-42-5	Styrene	650	U
75-25-2	Bromoform	650	U
79-34-5	1,1,2,2-Tetrachloroethane	650	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-169

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.23

Sample wt/vol: 8.1 (g/ml) G Lab File ID: V05073.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 4.35 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-170

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05074.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 12.94 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	42000	E
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-170

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05074.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 12.94 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-170

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05074.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 12.94 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q
1. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.89	1900	JN
2.	unknown	30.41	4000	J
3.	unknown	32.28	2900	J
4. 001678-93-9	Cyclohexane, butyl-	33.70	2200	JN
5. 000493-02-7	Naphthalene, decahydro-, trans-	35.40	2000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-170

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05084.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 12.94 Date Analyzed: 11/19/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 5.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	10000	U
107131	Acrylonitrile	10000	U
75650	tert-Butyl alcohol	19000	U
1634044	Methyl-tert-Butyl ether	4300	U
108203	Di-isopropyl ether	2900	U
	Dichlorodifluoromethane	5800	U
74-87-3	Chloromethane	1400	U
75-01-4	Vinyl Chloride	4300	U
74-83-9	Bromomethane	2900	U
75-00-3	Chloroethane	4300	U
75-69-4	Trichlorofluoromethane	2900	U
75-35-4	1,1-Dichloroethene	1400	U
67-64-1	Acetone	2900	U
75-15-0	Carbon Disulfide	1400	U
75-09-2	Methylene Chloride	2900	U
156-60-5	trans-1,2-Dichloroethene	2900	U
75-35-3	1,1-Dichloroethane	1400	U
108-05-4	Vinyl Acetate	4300	U
78-93-3	2-Butanone	4300	U
	cis-1,2-Dichloroethene	1400	U
67-66-3	Chloroform	1400	U
75-55-6	1,1,1-Trichloroethane	1400	U
56-23-5	Carbon Tetrachloride	2900	U
71-43-2	Benzene	1400	U
107-06-2	1,2-Dichloroethane	2900	U
79-01-6	Trichloroethene	1400	U
78-87-5	1,2-Dichloropropane	1400	U
75-27-4	Bromodichloromethane	1400	U
110-75-8	2-Chloroethyl vinyl ether	2900	U
10061-01-5	cis-1,3-Dichloropropene	1400	U
108-10-1	4-Methyl-2-Pentanone	2900	U
108-88-3	Toluene	1400	U
10061-02-6	trans-1,3-Dichloropropene	2900	U
79-00-5	1,1,2-Trichloroethane	2900	U
127-18-4	Tetrachloroethene	1400	U
591-78-6	2-Hexanone	2900	U
126-48-1	Dibromochloromethane	2900	U
108-90-7	Chlorobenzene	38000	D
100-41-4	Ethylbenzene	2900	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-170

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.25

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05084.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 12.94 Date Analyzed: 11/19/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 5.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	4300	U
1330-20-7	o-Xylene	2900	U
100-42-5	Styrene	2900	U
75-25-2	Bromoform	2900	U
79-34-5	1,1,2,2-Tetrachloroethane	2900	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-171

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.27

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05075.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 15.24 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4100	U
1634044	Methyl-tert-Butyl ether	950	U
108203	Di-isopropyl ether	630	U
	Dichlorodifluoromethane	1300	U
74-87-3	Chloromethane	320	U
75-01-4	Vinyl Chloride	950	U
74-83-9	Bromomethane	630	U
75-00-3	Chloroethane	950	U
75-69-4	Trichlorofluoromethane	630	U
75-35-4	1,1-Dichloroethene	320	U
67-64-1	Acetone	630	U
75-15-0	Carbon Disulfide	320	U
75-09-2	Methylene Chloride	630	U
156-60-5	trans-1,2-Dichloroethene	630	U
75-35-3	1,1-Dichloroethane	320	U
108-05-4	Vinyl Acetate	950	U
78-93-3	2-Butanone	950	U
	cis-1,2-Dichloroethene	320	U
67-66-3	Chloroform	320	U
75-55-6	1,1,1-Trichloroethane	320	U
56-23-5	Carbon Tetrachloride	630	U
71-43-2	Benzene	320	U
107-06-2	1,2-Dichloroethane	630	U
79-01-6	Trichloroethene	320	U
78-87-5	1,2-Dichloropropane	320	U
75-27-4	Bromodichloromethane	320	U
110-75-8	2-Chloroethyl vinyl ether	630	U
10061-01-5	cis-1,3-Dichloropropene	320	U
108-10-1	4-Methyl-2-Pentanone	630	U
108-88-3	Toluene	320	U
10061-02-6	trans-1,3-Dichloropropene	630	U
79-00-5	1,1,2-Trichloroethane	630	U
127-18-4	Tetrachloroethene	320	U
591-78-6	2-Hexanone	630	U
126-48-1	Dibromochloromethane	630	U
108-90-7	Chlorobenzene	700	
100-41-4	Ethylbenzene	630	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-171

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.27

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05075.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 15.24 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	950	U
1330-20-7	o-Xylene	630	U
100-42-5	Styrene	630	U
75-25-2	Bromoform	630	U
79-34-5	1,1,2,2-Tetrachloroethane	630	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-171

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.27

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05075.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 15.24 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-172

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.29

Sample wt/vol: 8.5 (g/ml) G Lab File ID: V05076.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 13.38 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2400	U
107131	Acrylonitrile	2400	U
75650	tert-Butyl alcohol	4400	U
1634044	Methyl-tert-Butyl ether	1000	U
108203	Di-isopropyl ether	680	U
	Dichlorodifluoromethane	1400	U
74-87-3	Chloromethane	340	U
75-01-4	Vinyl Chloride	1000	U
74-83-9	Bromomethane	680	U
75-00-3	Chloroethane	1000	U
75-69-4	Trichlorofluoromethane	680	U
75-35-4	1,1-Dichloroethene	340	U
67-64-1	Acetone	680	U
75-15-0	Carbon Disulfide	340	U
75-09-2	Methylene Chloride	680	U
156-60-5	trans-1,2-Dichloroethene	680	U
75-35-3	1,1-Dichloroethane	340	U
108-05-4	Vinyl Acetate	1000	U
78-93-3	2-Butanone	1000	U
	cis-1,2-Dichloroethene	340	U
67-66-3	Chloroform	340	U
75-55-6	1,1,1-Trichloroethane	340	U
56-23-5	Carbon Tetrachloride	680	U
71-43-2	Benzene	340	U
107-06-2	1,2-Dichloroethane	680	U
79-01-6	Trichloroethene	340	U
78-87-5	1,2-Dichloropropane	340	U
75-27-4	Bromodichloromethane	340	U
110-75-8	2-Chloroethyl vinyl ether	680	U
10061-01-5	cis-1,3-Dichloropropene	340	U
108-10-1	4-Methyl-2-Pentanone	680	U
108-88-3	Toluene	340	U
10061-02-6	trans-1,3-Dichloropropene	680	U
79-00-5	1,1,2-Trichloroethane	680	U
127-18-4	Tetrachloroethene	340	U
591-78-6	2-Hexanone	680	U
126-48-1	Dibromochloromethane	680	U
108-90-7	Chlorobenzene	340	U
100-41-4	Ethylbenzene	680	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-172

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.29

Sample wt/vol: 8.5 (g/ml) G Lab File ID: V05076.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 13.38 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1000	U
1330-20-7	o-Xylene	680	U
100-42-5	Styrene	680	U
75-25-2	Bromoform	680	U
79-34-5	1,1,2,2-Tetrachloroethane	680	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-172

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.29

Sample wt/vol: 8.5 (g/ml) G Lab File ID: V05076.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 13.38 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-173

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.31

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05077.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.05 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID

B-173

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.31

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05077.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.05 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID

B-173

Lab Name: FMETL NJDEP# 13461

Project 980211 Case No.: 4046 Location M-3 SAS No

Matrix: (soil/water) SOIL Lab Sample ID: 4046.31

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05077.D

Level: (low/med) MED Date Received: 11/10/98

% Moisture: not dec. 14.05 Date Analyzed: 11/18/98

GC Column: RTX502 ID: 0.32 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND NAME	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-175

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05086.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 11.9 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-175

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05086.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 11.9 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-175

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.03

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05086.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 11.9 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05087.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 14.29 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	890	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	890	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	890	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	890	U
78-93-3	2-Butanone	890	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05087.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 14.29 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	890	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-176

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.05

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05087.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 14.29 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-177

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05088.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 12.67 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	760	
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	320	
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	320	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-177

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05088.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 12.67 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	360	J
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-177

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.07

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05088.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 12.67 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05089.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 17.33 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	440	
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05089.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 17.33 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-178

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.09

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05089.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 17.33 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 005911-04-6	Nonane, 3-methyl-	29.46	2300	JN
2. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.90	3500	JN
3. 013395-76-1	Cyclohexanone, 2,3-dimethyl-	30.41	4200	JN
4. 006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	31.52	3100	JN

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05090.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 17.38 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	610	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05090.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 17.38 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
1330-20-7	m+p-Xylenes	370	J
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-179

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.11

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05090.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 17.38 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05091.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.79 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05091.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.79 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-180

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.13

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05091.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.79 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05092.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.16 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05092.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.16 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-181

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.15

Sample wt/vol: 9.9 (g/ml) G Lab File ID: V05092.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.16 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05093.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.35 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	820	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	820	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	820	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	820	U
78-93-3	2-Butanone	820	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05093.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.35 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	820	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-182

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.17

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05093.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.35 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000079-20-9	Acetic acid, methyl ester	12.43	7600	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.19

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05094.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 5.58 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.19

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05094.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 5.58 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-183

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.: _____

Matrix: (soil/water) SOIL Lab Sample ID: 4058.19

Sample wt/vol: 9.3 (g/ml) G Lab File ID: V05094.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 5.58 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.21

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05095.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 12.96 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	920	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	920	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	920	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	920	U
78-93-3	2-Butanone	920	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	580	
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	710	

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.21

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05095.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 12.96 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	730	J
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-184

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.21

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05095.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 12.96 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05096.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 9.76 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05096.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 9.76 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-185

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.23

Sample wt/vol: 9.5 (g/ml) G Lab File ID: V05096.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 9.76 Date Analyzed: 11/19/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000108-87-2	Cyclohexane, methyl-	21.98	2700	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.25

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05101.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.15 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.25

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05101.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.15 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-186

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.25

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05101.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 7.15 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.23	2000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05102.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 6.24 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05102.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 6.24 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-187

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.27

Sample wt/vol: 9.1 (g/ml) G Lab File ID: V05102.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 6.24 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

000993

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05103.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.24 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	880	U
108203	Di-isopropyl ether	590	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	880	U
74-83-9	Bromomethane	590	U
75-00-3	Chloroethane	880	U
75-69-4	Trichlorofluoromethane	590	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	590	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	590	U
156-60-5	trans-1,2-Dichloroethene	590	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	880	U
78-93-3	2-Butanone	880	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	590	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	590	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	590	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	590	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	590	U
79-00-5	1,1,2-Trichloroethane	590	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	590	U
126-48-1	Dibromochloromethane	590	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	590	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05103.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.24 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	880	U
1330-20-7	o-Xylene	590	U
100-42-5	Styrene	590	U
75-25-2	Bromoform	590	U
79-34-5	1,1,2,2-Tetrachloroethane	590	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-188

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.29

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05103.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.24 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05104.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.47 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	900	U
108203	Di-isopropyl ether	600	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	900	U
74-83-9	Bromomethane	600	U
75-00-3	Chloroethane	900	U
75-69-4	Trichlorofluoromethane	600	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	600	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	600	U
156-60-5	trans-1,2-Dichloroethene	600	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	900	U
78-93-3	2-Butanone	900	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	600	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	600	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	600	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	600	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	600	U
79-00-5	1,1,2-Trichloroethane	600	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	600	U
126-48-1	Dibromochloromethane	600	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	600	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05104.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.47 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	900	U
1330-20-7	o-Xylene	600	U
100-42-5	Styrene	600	U
75-25-2	Bromoform	600	U
79-34-5	1,1,2,2-Tetrachloroethane	600	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-189

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.31

Sample wt/vol: 9.6 (g/ml) G Lab File ID: V05104.D

Level: (low/med) MED Date Received: 11/16/98

% Moisture: not dec. 13.47 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-190

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05109.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 10.53 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	800	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	800	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	800	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	800	U
78-93-3	2-Butanone	800	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-190

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05109.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 10.53 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	800	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-190

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.03

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05109.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 10.53 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-191

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05110.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 7.7 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-191

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05110.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 7.7 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-191

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.05

Sample wt/vol: 9.4 (g/ml) G Lab File ID: V05110.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 7.7 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05111.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 5.73 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3300	U
1634044	Methyl-tert-Butyl ether	750	U
108203	Di-isopropyl ether	500	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	250	U
75-01-4	Vinyl Chloride	750	U
74-83-9	Bromomethane	500	U
75-00-3	Chloroethane	750	U
75-69-4	Trichlorofluoromethane	500	U
75-35-4	1,1-Dichloroethene	250	U
67-64-1	Acetone	500	U
75-15-0	Carbon Disulfide	250	U
75-09-2	Methylene Chloride	500	U
156-60-5	trans-1,2-Dichloroethene	500	U
75-35-3	1,1-Dichloroethane	250	U
108-05-4	Vinyl Acetate	750	U
78-93-3	2-Butanone	750	U
	cis-1,2-Dichloroethene	250	U
67-66-3	Chloroform	250	U
75-55-6	1,1,1-Trichloroethane	250	U
56-23-5	Carbon Tetrachloride	500	U
71-43-2	Benzene	250	U
107-06-2	1,2-Dichloroethane	500	U
79-01-6	Trichloroethene	250	U
78-87-5	1,2-Dichloropropane	250	U
75-27-4	Bromodichloromethane	250	U
110-75-8	2-Chloroethyl vinyl ether	500	U
10061-01-5	cis-1,3-Dichloropropene	250	U
108-10-1	4-Methyl-2-Pentanone	500	U
108-88-3	Toluene	250	U
10061-02-6	trans-1,3-Dichloropropene	500	U
79-00-5	1,1,2-Trichloroethane	500	U
127-18-4	Tetrachloroethene	250	U
591-78-6	2-Hexanone	500	U
126-48-1	Dibromochloromethane	500	U
108-90-7	Chlorobenzene	250	U
100-41-4	Ethylbenzene	500	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05111.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 5.73 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	750	U
1330-20-7	o-Xylene	500	U
100-42-5	Styrene	500	U
75-25-2	Bromoform	500	U
79-34-5	1,1,2,2-Tetrachloroethane	500	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-192

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.07

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05111.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 5.73 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000110-54-3	Hexane	14.23	1800	JN

001008

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05112.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.79 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05112.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.79 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-193

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.09

Sample wt/vol: 10.5 (g/ml) G Lab File ID: V05112.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.79 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05123.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 11.41 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05123.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 11.41 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-194

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.11

Sample wt/vol: 9.8 (g/ml) G Lab File ID: V05123.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 11.41 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-195

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05114.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 19.56 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2200	U
107131	Acrylonitrile	2200	U
75650	tert-Butyl alcohol	4000	U
1634044	Methyl-tert-Butyl ether	930	U
108203	Di-isopropyl ether	620	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	310	U
75-01-4	Vinyl Chloride	930	U
74-83-9	Bromomethane	620	U
75-00-3	Chloroethane	930	U
75-69-4	Trichlorofluoromethane	620	U
75-35-4	1,1-Dichloroethene	310	U
67-64-1	Acetone	620	U
75-15-0	Carbon Disulfide	310	U
75-09-2	Methylene Chloride	620	U
156-60-5	trans-1,2-Dichloroethene	620	U
75-35-3	1,1-Dichloroethane	310	U
108-05-4	Vinyl Acetate	930	U
78-93-3	2-Butanone	930	U
	cis-1,2-Dichloroethene	310	U
67-66-3	Chloroform	310	U
75-55-6	1,1,1-Trichloroethane	310	U
56-23-5	Carbon Tetrachloride	620	U
71-43-2	Benzene	310	U
107-06-2	1,2-Dichloroethane	620	U
79-01-6	Trichloroethene	310	U
78-87-5	1,2-Dichloropropane	310	U
75-27-4	Bromodichloromethane	310	U
110-75-8	2-Chloroethyl vinyl ether	620	U
10061-01-5	cis-1,3-Dichloropropene	310	U
108-10-1	4-Methyl-2-Pentanone	620	U
108-88-3	Toluene	310	U
10061-02-6	trans-1,3-Dichloropropene	620	U
79-00-5	1,1,2-Trichloroethane	620	U
127-18-4	Tetrachloroethene	310	U
591-78-6	2-Hexanone	620	U
126-48-1	Dibromochloromethane	620	U
108-90-7	Chlorobenzene	310	U
100-41-4	Ethylbenzene	620	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-195

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05114.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 19.56 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	930	U
1330-20-7	o-Xylene	620	U
100-42-5	Styrene	620	U
75-25-2	Bromoform	620	U
79-34-5	1,1,2,2-Tetrachloroethane	620	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-195

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.13

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05114.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 19.56 Date Analyzed: 11/20/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-196

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05124.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 18.3 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	2100	U
107131	Acrylonitrile	2100	U
75650	tert-Butyl alcohol	3900	U
1634044	Methyl-tert-Butyl ether	910	U
108203	Di-isopropyl ether	610	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	300	U
75-01-4	Vinyl Chloride	910	U
74-83-9	Bromomethane	610	U
75-00-3	Chloroethane	910	U
75-69-4	Trichlorofluoromethane	610	U
75-35-4	1,1-Dichloroethene	300	U
67-64-1	Acetone	610	U
75-15-0	Carbon Disulfide	300	U
75-09-2	Methylene Chloride	610	U
156-60-5	trans-1,2-Dichloroethene	610	U
75-35-3	1,1-Dichloroethane	300	U
108-05-4	Vinyl Acetate	910	U
78-93-3	2-Butanone	910	U
	cis-1,2-Dichloroethene	300	U
67-66-3	Chloroform	300	U
75-55-6	1,1,1-Trichloroethane	300	U
56-23-5	Carbon Tetrachloride	610	U
71-43-2	Benzene	300	U
107-06-2	1,2-Dichloroethane	610	U
79-01-6	Trichloroethene	300	U
78-87-5	1,2-Dichloropropane	300	U
75-27-4	Bromodichloromethane	300	U
110-75-8	2-Chloroethyl vinyl ether	610	U
10061-01-5	cis-1,3-Dichloropropene	300	U
108-10-1	4-Methyl-2-Pentanone	610	U
108-88-3	Toluene	300	U
10061-02-6	trans-1,3-Dichloropropene	610	U
79-00-5	1,1,2-Trichloroethane	610	U
127-18-4	Tetrachloroethene	300	U
591-78-6	2-Hexanone	610	U
126-48-1	Dibromochloromethane	610	U
108-90-7	Chlorobenzene	300	U
100-41-4	Ethylbenzene	610	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-196

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05124.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 18.3 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	910	U
1330-20-7	o-Xylene	610	U
100-42-5	Styrene	610	U
75-25-2	Bromoform	610	U
79-34-5	1,1,2,2-Tetrachloroethane	610	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-196

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.15

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05124.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 18.3 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 1

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 000540-73-8	Hydrazine, 1,2-dimethyl-	7.22	4300	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.17

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V05136.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 15.83 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	310	
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	450	
100-41-4	Ethylbenzene	560	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.17

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V05136.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 15.83 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-197

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.17

Sample wt/vol: 10.6 (g/ml) G Lab File ID: V05136.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 15.83 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05126.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 9.24 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg) UG/KG		Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3500	U
1634044	Methyl-tert-Butyl ether	810	U
108203	Di-isopropyl ether	540	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	270	U
75-01-4	Vinyl Chloride	810	U
74-83-9	Bromomethane	540	U
75-00-3	Chloroethane	810	U
75-69-4	Trichlorofluoromethane	540	U
75-35-4	1,1-Dichloroethene	270	U
67-64-1	Acetone	540	U
75-15-0	Carbon Disulfide	270	U
75-09-2	Methylene Chloride	540	U
156-60-5	trans-1,2-Dichloroethene	540	U
75-35-3	1,1-Dichloroethane	270	U
108-05-4	Vinyl Acetate	810	U
78-93-3	2-Butanone	810	U
	cis-1,2-Dichloroethene	270	U
67-66-3	Chloroform	270	U
75-55-6	1,1,1-Trichloroethane	270	U
56-23-5	Carbon Tetrachloride	540	U
71-43-2	Benzene	270	U
107-06-2	1,2-Dichloroethane	540	U
79-01-6	Trichloroethene	270	U
78-87-5	1,2-Dichloropropane	270	U
75-27-4	Bromodichloromethane	270	U
110-75-8	2-Chloroethyl vinyl ether	540	U
10061-01-5	cis-1,3-Dichloropropene	270	U
108-10-1	4-Methyl-2-Pentanone	540	U
108-88-3	Toluene	270	U
10061-02-6	trans-1,3-Dichloropropene	540	U
79-00-5	1,1,2-Trichloroethane	540	U
127-18-4	Tetrachloroethene	270	U
591-78-6	2-Hexanone	540	U
126-48-1	Dibromochloromethane	540	U
108-90-7	Chlorobenzene	270	U
100-41-4	Ethylbenzene	540	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05126.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 9.24 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	810	U
1330-20-7	o-Xylene	540	U
100-42-5	Styrene	540	U
75-25-2	Bromoform	540	U
79-34-5	1,1,2,2-Tetrachloroethane	540	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-198

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.19

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05126.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 9.24 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05127.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.26 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	840	U
108203	Di-isopropyl ether	560	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	840	U
74-83-9	Bromomethane	560	U
75-00-3	Chloroethane	840	U
75-69-4	Trichlorofluoromethane	560	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	560	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	560	U
156-60-5	trans-1,2-Dichloroethene	560	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	840	U
78-93-3	2-Butanone	840	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	560	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	560	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	560	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	560	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	560	U
79-00-5	1,1,2-Trichloroethane	560	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	560	U
126-48-1	Dibromochloromethane	560	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	560	U

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05127.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.26 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND (ug/L or ug/Kg)	UG/KG	Q
1330-20-7	m+p-Xylenes	840	U
1330-20-7	o-Xylene	560	U
100-42-5	Styrene	560	U
75-25-2	Bromoform	560	U
79-34-5	1,1,2,2-Tetrachloroethane	560	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-199

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.21

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05127.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.26 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.23

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05128.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 16.22 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3800	U
1634044	Methyl-tert-Butyl ether	870	U
108203	Di-isopropyl ether	580	U
	Dichlorodifluoromethane	1200	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	870	U
74-83-9	Bromomethane	580	U
75-00-3	Chloroethane	870	U
75-69-4	Trichlorofluoromethane	580	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	580	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	580	U
156-60-5	trans-1,2-Dichloroethene	580	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	870	U
78-93-3	2-Butanone	870	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	580	U
71-43-2	Benzene	290	U
107-06-2	1,2-Dichloroethane	580	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	580	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	580	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	580	U
79-00-5	1,1,2-Trichloroethane	580	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	580	U
126-48-1	Dibromochloromethane	580	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	580	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.23

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05128.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 16.22 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	870	U
1330-20-7	o-Xylene	580	U
100-42-5	Styrene	580	U
75-25-2	Bromoform	580	U
79-34-5	1,1,2,2-Tetrachloroethane	580	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-200

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.23

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05128.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 16.22 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05129.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 6.41 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1800	U
107131	Acrylonitrile	1800	U
75650	tert-Butyl alcohol	3400	U
1634044	Methyl-tert-Butyl ether	780	U
108203	Di-isopropyl ether	520	U
	Dichlorodifluoromethane	1000	U
74-87-3	Chloromethane	260	U
75-01-4	Vinyl Chloride	780	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	780	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	260	U
67-64-1	Acetone	520	U
75-15-0	Carbon Disulfide	260	U
75-09-2	Methylene Chloride	520	U
156-60-5	trans-1,2-Dichloroethene	520	U
75-35-3	1,1-Dichloroethane	260	U
108-05-4	Vinyl Acetate	780	U
78-93-3	2-Butanone	780	U
	cis-1,2-Dichloroethene	260	U
67-66-3	Chloroform	260	U
75-55-6	1,1,1-Trichloroethane	260	U
56-23-5	Carbon Tetrachloride	520	U
71-43-2	Benzene	260	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	260	U
78-87-5	1,2-Dichloropropane	260	U
75-27-4	Bromodichloromethane	260	U
110-75-8	2-Chloroethyl vinyl ether	520	U
10061-01-5	cis-1,3-Dichloropropene	260	U
108-10-1	4-Methyl-2-Pentanone	520	U
108-88-3	Toluene	260	U
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	260	U
591-78-6	2-Hexanone	520	U
126-48-1	Dibromochloromethane	520	U
108-90-7	Chlorobenzene	260	U
100-41-4	Ethylbenzene	520	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05129.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 6.41 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	780	U
1330-20-7	o-Xylene	520	U
100-42-5	Styrene	520	U
75-25-2	Bromoform	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-201

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.25

Sample wt/vol: 10.2 (g/ml) G Lab File ID: V05129.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 6.41 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.27

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05130.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.29 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.27

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05130.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.29 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-202

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.27

Sample wt/vol: 10.4 (g/ml) G Lab File ID: V05130.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.29 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05131.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.09 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	860	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	290	U
75-01-4	Vinyl Chloride	860	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	860	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	290	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	290	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	290	U
108-05-4	Vinyl Acetate	860	U
78-93-3	2-Butanone	860	U
	cis-1,2-Dichloroethene	290	U
67-66-3	Chloroform	290	U
75-55-6	1,1,1-Trichloroethane	290	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	290	
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	290	U
78-87-5	1,2-Dichloropropane	290	U
75-27-4	Bromodichloromethane	290	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	290	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	290	U
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	290	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	290	U
100-41-4	Ethylbenzene	570	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05131.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.09 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	860	U
1330-20-7	o-Xylene	570	U
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-203

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.29

Sample wt/vol: 10.1 (g/ml) G Lab File ID: V05131.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 13.09 Date Analyzed: 11/23/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05137.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 14.01 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	2000	U
107131	Acrylonitrile	2000	U
75650	tert-Butyl alcohol	3700	U
1634044	Methyl-tert-Butyl ether	850	U
108203	Di-isopropyl ether	570	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	850	U
74-83-9	Bromomethane	570	U
75-00-3	Chloroethane	850	U
75-69-4	Trichlorofluoromethane	570	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	570	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	570	U
156-60-5	trans-1,2-Dichloroethene	570	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	850	U
78-93-3	2-Butanone	850	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	570	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	570	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	570	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	570	U
108-88-3	Toluene	750	
10061-02-6	trans-1,3-Dichloropropene	570	U
79-00-5	1,1,2-Trichloroethane	570	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	570	U
126-48-1	Dibromochloromethane	570	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	J

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05137.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 14.01 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	1600	
1330-20-7	o-Xylene	1100	
100-42-5	Styrene	570	U
75-25-2	Bromoform	570	U
79-34-5	1,1,2,2-Tetrachloroethane	570	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-204

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.31

Sample wt/vol: 10.3 (g/ml) G Lab File ID: V05137.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 14.01 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 15

CAS NO.	COMPOUND	RT	EST. CONC.	Q
1. 013475-81-5	Hexane, 2,2,3,3-tetramethyl-	28.86	3700	JN
2. 005911-04-6	Nonane, 3-methyl-	29.47	5400	JN
3. 004923-78-8	Cyclohexane, 1-ethyl-2-methyl-, tr	29.66	3300	JN
4. 014676-29-0	Heptane, 3-ethyl-2-methyl-	29.91	9100	JN
5. 007058-05-1	Cyclohexane, 1-ethyl-2,3-dimethy	31.30	3500	JN
6. 004057-42-5	2-Octene, 2,6-dimethyl-	31.53	11000	JN
7. 001678-82-6	Cyclohexane, 1-methyl-4-(1-meth	31.89	12000	JN
8. 000099-82-1	1-Methyl-4-(1-methylethyl)-cycloh	32.10	3700	JN
9. 002847-72-5	Decane, 4-methyl-	32.28	6800	JN
10. 000095-36-3	1,2,4-Trimethylbenzene	32.47	4500	JN
11. 001678-93-9	Cyclohexane, butyl-	33.71	9300	JN
12. 000000-00-0	1-Ethyl-2,2,6-trimethylcyclohexan	34.43	3700	JN
13. 000526-73-8	Benzene, 1,2,3-trimethyl-	34.69	4300	JN
14. 000527-84-4	Benzene, 1-methyl-2-(1-methylet	35.22	4200	JN
15. 000493-02-7	Naphthalene, decahydro-, trans-	35.40	11000	JN

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05141.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 9.38 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
107028	Acrolein	1900	U
107131	Acrylonitrile	1900	U
75650	tert-Butyl alcohol	3600	U
1634044	Methyl-tert-Butyl ether	830	U
108203	Di-isopropyl ether	550	U
	Dichlorodifluoromethane	1100	U
74-87-3	Chloromethane	280	U
75-01-4	Vinyl Chloride	830	U
74-83-9	Bromomethane	550	U
75-00-3	Chloroethane	830	U
75-69-4	Trichlorofluoromethane	550	U
75-35-4	1,1-Dichloroethene	280	U
67-64-1	Acetone	550	U
75-15-0	Carbon Disulfide	280	U
75-09-2	Methylene Chloride	550	U
156-60-5	trans-1,2-Dichloroethene	550	U
75-35-3	1,1-Dichloroethane	280	U
108-05-4	Vinyl Acetate	830	U
78-93-3	2-Butanone	830	U
	cis-1,2-Dichloroethene	280	U
67-66-3	Chloroform	280	U
75-55-6	1,1,1-Trichloroethane	280	U
56-23-5	Carbon Tetrachloride	550	U
71-43-2	Benzene	280	U
107-06-2	1,2-Dichloroethane	550	U
79-01-6	Trichloroethene	280	U
78-87-5	1,2-Dichloropropane	280	U
75-27-4	Bromodichloromethane	280	U
110-75-8	2-Chloroethyl vinyl ether	550	U
10061-01-5	cis-1,3-Dichloropropene	280	U
108-10-1	4-Methyl-2-Pentanone	550	U
108-88-3	Toluene	280	U
10061-02-6	trans-1,3-Dichloropropene	550	U
79-00-5	1,1,2-Trichloroethane	550	U
127-18-4	Tetrachloroethene	280	U
591-78-6	2-Hexanone	550	U
126-48-1	Dibromochloromethane	550	U
108-90-7	Chlorobenzene	280	U
100-41-4	Ethylbenzene	550	U

1A

VOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05141.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 9.38 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
1330-20-7	m+p-Xylenes	830	U
1330-20-7	o-Xylene	550	U
100-42-5	Styrene	550	U
75-25-2	Bromoform	550	U
79-34-5	1,1,2,2-Tetrachloroethane	550	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-205

Lab Name: FMETL NJDEP # 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.03

Sample wt/vol: 10.0 (g/ml) G Lab File ID: V05141.D

Level: (low/med) MED Date Received: 11/18/98

% Moisture: not dec. 9.38 Date Analyzed: 11/24/98

GC Column: Rtx502.2 ID: 0.25 (mm) Dilution Factor: 1.0

Soil Extract Volume: 25000 (uL) Soil Aliquot Volume: 50 (uL)

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

Number TICs found: 0

CAS NO.	COMPOUND	RT	EST. CONC.	Q

METHOD BLANKS

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK139

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK139

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00864.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK139

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK139

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00864.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	430	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK139

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK139

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00864.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.86	820	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK141

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK141

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00942.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK141

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK141

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00942.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	500	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK141

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK141

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00942.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.84	3700	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	24.29	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK146

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK146

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00946.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK146

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK146

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00946.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1100	
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK146

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK146

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00946.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.82	1500	JN
2. 001454-84-8	1-Nonadecanol	24.28	1500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk149

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK149

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01087.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk149

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK149

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01087.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	430	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk149

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK149

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01087.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk151

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK151

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01089.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk151

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK151

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01089.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	170	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk151

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK151

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01089.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.25	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK152

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK152

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01091.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

SBLK152

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK152

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01091.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1800	
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

SBLK152

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: SBLK152

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01091.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.80	1400	JN
2. 074685-30-6	5-Eicosene, (E)-	24.25	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk157

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01249.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk157

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01249.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	510	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk157

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01249.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	1000	JN
2. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1200	JN
3. 000295-48-7	Cyclopentadecane	24.24	2600	JN
4. 000124-26-5	Octadecanamide	26.39	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk159

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01280.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk159

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01280.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	500	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	50000	E
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk159

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01280.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	900	JN
2. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1500	JN
3. 001454-84-8	1-Nonadecanol	24.24	3600	JN
4.	unknown	26.39	2700	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk159

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01307.D

Level: (low/med) LOW Date Received: 11/3/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/5/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	5000	U
62-75-9	N-nitroso-dimethylamine	5000	U
62-53-3	Aniline	5000	U
108-95-2	Phenol	5000	U
111-44-4	bis(2-Chloroethyl)ether	5000	U
95-57-8	2-Chlorophenol	5000	U
541-73-1	1,3-Dichlorobenzene	5000	U
106-46-7	1,4-Dichlorobenzene	5000	U
100-51-6	Benzyl alcohol	5000	U
95-50-1	1,2-Dichlorobenzene	5000	U
	2-Methylphenol	5000	U
108-60-1	bis(2-chloroisopropyl)ether	5000	U
	4-Methylphenol	5000	U
621-64-7	n-Nitroso-di-n-propylamine	5000	U
67-72-1	Hexachloroethane	5000	U
98-95-3	Nitrobenzene	5000	U
78-59-1	Isophorone	5000	U
88-75-5	2-Nitrophenol	5000	U
105-67-9	2,4-Dimethylphenol	5000	U
111-91-1	bis(2-Chloroethoxy)methane	5000	U
120-83-2	2,4-Dichlorophenol	5000	U
65-85-0	Benzoic Acid	5000	U
120-82-1	1,2,4-Trichlorobenzene	5000	U
91-20-3	Naphthalene	5000	U
106-47-8	4-Chloroaniline	5000	U
87-68-3	Hexachlorobutadiene	5000	U
59-50-7	4-Chloro-3-methylphenol	5000	U
91-57-6	2-Methylnaphthalene	5000	U
77-47-4	Hexachlorocyclopentadiene	5000	U
88-06-2	2,4,6-Trichlorophenol	5000	U
	2,4,5-Trichlorophenol	5000	U
91-58-7	2-Chloronaphthalene	5000	U
88-74-4	2-Nitroaniline	5000	U
131-11-3	Dimethylphthalate	5000	U
208-96-8	Acenaphthylene	5000	U
606-20-2	2,6-Dinitrotoluene	5000	U
99-09-2	3-Nitroaniline	5000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk159

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01307.D

Level: (low/med) LOW Date Received: 11/3/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/5/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 5.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	5000	U
51-28-5	2,4-Dinitrophenol	5000	U
132-64-9	Dibenzofuran	5000	U
100-02-7	4-Nitrophenol	5000	U
121-14-2	2,4-Dinitrotoluene	5000	U
84-66-2	Diethylphthalate	5000	U
86-73-7	Fluorene	5000	U
7005-72-3	4-Chlorophenyl-phenylether	5000	U
100-01-6	4-Nitroaniline	5000	U
534-52-1	4,6-Dinitro-2-methylphenol	5000	U
86-30-6	n-Nitrosodiphenylamine	5000	U
103-33-3	Azobenzene	5000	U
101-55-3	4-Bromophenyl-phenylether	5000	U
118-74-1	Hexachlorobenzene	5000	U
87-86-5	Pentachlorophenol	5000	U
85-01-8	Phenanthrene	5000	U
120-12-7	Anthracene	5000	U
84-74-2	Di-n-butylphthalate	5000	U
206-44-0	Fluoranthene	5000	U
92-87-5	Benzidine	5000	U
129-00-0	Pyrene	5000	U
85-68-7	Butylbenzylphthalate	5000	U
56-55-3	Benzo[a]anthracene	5000	U
91-94-1	3,3'-Dichlorobenzidine	5000	U
218-01-9	Chrysene	5000	U
117-81-7	bis(2-Ethylhexyl)phthalate	46000	D
117-84-0	Di-n-octylphthalate	5000	U
205-99-2	Benzo[b]fluoranthene	5000	U
207-08-9	Benzo[k]fluoranthene	5000	U
50-32-8	Benzo[a]pyrene	5000	U
193-39-5	Indeno[1,2,3-cd]pyrene	5000	U
53-70-3	Dibenz[a,h]anthracene	5000	U
191-24-2	Benzo[g,h,i]perylene	5000	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk160

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01282.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk160

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01282.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	270	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk160

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01282.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.23	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk164

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01320.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk164

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01320.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	640	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk164

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01320.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.77	840	J
2. 001454-84-8	1-Nonadecanol	24.23	2200	JN
3. 054789-40-1	Heptanamide, 4-ethyl-5-methyl-	26.37	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk165

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01322.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk165

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01322.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	470	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk165

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01322.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	1100	JN
2. 000112-92-5	1-Octadecanol	24.22	1500	JN
3. 000629-54-9	Hexadecanamide	26.38	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk167

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01353.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk167

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01353.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	910	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	7700	
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk167

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01353.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.62	1300	JN
2. 074685-30-6	5-Eicosene, (E)-	24.08	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk168

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01355.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk168

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01355.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	470	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk168

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01355.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/23/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.63	4300	JN
2. 001599-67-3	1-Docosene	24.08	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk171

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk171

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01473.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Sblk171

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk171

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01473.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 0 decanted:(Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	360	J
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	7200	
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Sblk171

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: Sblk171

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01473.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 0 decanted: (Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	4700	JN
2. 001599-67-3	1-Docosene	24.06	950	JN

FIELD DUPLICATES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.32

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA00929.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.07 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.32

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA00929.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.07 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	260	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	340	JB
206-44-0	Fluoranthene	340	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	600	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	290	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	500	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	230	J
50-32-8	Benzo[a]pyrene	240	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.32

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA00929.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.07 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.30	4700	JN
2.	unknown	26.82	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.42

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01140.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 15.77 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.42

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01140.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 15.77 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.42

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01140.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 15.77 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.26	4600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.24

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01184.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.87 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.24

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01184.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.87 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	930	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.24

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01184.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.87 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.79	1400	JN
2. 001454-84-8	1-Nonadecanol	24.25	5200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.32

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BNA01248.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 11.99 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.32

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BNA01248.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 11.99 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	280	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	540	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	540	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	370	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	610	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	360	J
207-08-9	Benzo[k]fluoranthene	400	J
50-32-8	Benzo[a]pyrene	420	J
193-39-5	Indeno[1,2,3-cd]pyrene	230	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	240	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.32

Sample wt/vol: 10.87 (g/ml) G Lab File ID: BNA01248.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 11.99 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.77	1200	J
2. 000301-02-0	9-Octadecenamide, (Z)-	23.22	1100	JN
3. 001599-67-3	1-Docosene	24.24	3600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.32

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA01319.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.38 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.32

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA01319.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.38 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	170	J
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	640	JB
206-44-0	Fluoranthene	460	J
92-87-5	Benzidine	990	U
129-00-0	Pyrene	510	J
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	590	J
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	910	J
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	530	J
207-08-9	Benzo[k]fluoranthene	650	J
50-32-8	Benzo[a]pyrene	530	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	190	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

FIELD DUP

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.32

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA01319.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.38 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	1200	JN
2. 001454-84-8	1-Nonadecanol	24.23	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.32

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01428.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 12.07 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.32

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01428.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 12.07 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

Field Dup.

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.32

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01428.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 12.07 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.60	1200	JN
2. 000053-19-0	Mitotane	22.38	1900	JN
3. 074685-30-6	5-Eicosene, (E)-	24.06	1400	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.59	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **Field Dup.**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.32

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BN02350.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.25 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **Field Dup.**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.32

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BN02350.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.25 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	860	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **Field Dup.**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.32

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BN02350.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.25 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-74-2	Dibutyl phthalate	18.97	4700	JN
2. 000112-92-5	1-Octadecanol	24.38	5500	JN
3. 006624-79-9	1-Dotriacontanol	25.90	1100	JN

SAMPLES

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA00868.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 12.37 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	210	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA00868.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 12.37 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	900	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	530	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	440	J
207-08-9	Benzo[k]fluoranthene	560	J
50-32-8	Benzo[a]pyrene	510	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-1

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.02

Sample wt/vol: 10.34 (g/ml) G Lab File ID: BNA00868.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 12.37 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.87	890	JN
2. 000629-99-2	Pentacosane	28.56	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.04

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BNA00869.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 9.06 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.04

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BNA00869.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 9.06 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	520	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	840	JB
206-44-0	Fluoranthene	390	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	550	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	210	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	370	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-2

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.04

Sample wt/vol: 10.56 (g/ml) G Lab File ID: BNA00869.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 9.06 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.87	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.06

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BNA00870.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.25 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.06

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BNA00870.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.25 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	130	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-3

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.06

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BNA00870.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.25 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.08

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA00871.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 1.83 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	140	J
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	210	J
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	980	U
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.08

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA00871.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 1.83 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	980	U
120-12-7	Anthracene	980	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	980	U
92-87-5	Benzidine	980	U
129-00-0	Pyrene	980	U
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	980	U
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	980	U
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	980	U
207-08-9	Benzo[k]fluoranthene	980	U
50-32-8	Benzo[a]pyrene	980	U
193-39-5	Indeno[1,2,3-cd]pyrene	980	U
53-70-3	Dibenz[a,h]anthracene	980	U
191-24-2	Benzo[g,h,i]perylene	980	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-4

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.08

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA00871.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 1.83 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.57	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA00872.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 2.2 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA00872.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 2.2 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-5

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BNA00872.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 2.2 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.56	800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.12

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA00873.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 4.91 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.12

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA00873.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 4.91 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	150	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-6

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.12

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA00873.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 4.91 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/08/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 007704-34-9	Sulfur	20.58	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.14

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BNA00885.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.62 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.14

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BNA00885.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.62 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-7

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.14

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BNA00885.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.62 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.86	1100	JN
2. 074685-30-6	5-Eicosene, (E)-	24.31	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.16

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BNA00886.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 4.31 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	980	U
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	980	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	380	J
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.16

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BNA00886.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 4.31 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	470	J
84-74-2	Di-n-butylphthalate	640	JB
206-44-0	Fluoranthene	3700	
92-87-5	Benzidine	980	U
129-00-0	Pyrene	3100	
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	1800	
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	2800	
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	1900	
207-08-9	Benzo[k]fluoranthene	1800	
50-32-8	Benzo[a]pyrene	2000	
193-39-5	Indeno[1,2,3-cd]pyrene	1300	
53-70-3	Dibenz[a,h]anthracene	410	J
191-24-2	Benzo[g,h,i]perylene	1200	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-8

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.16

Sample wt/vol: 10.63 (g/ml) G Lab File ID: BNA00886.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 4.31 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 10

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 007704-34-9	Sulfur	20.56	1800	JN
2. 002381-21-7	Pyrene, 1-methyl-	22.16	850	JN
3. 000789-02-6	o,p'-DDT	23.31	1100	JN
4. 027208-37-3	Cyclopenta[cd]pyrene	23.67	960	JN
5. 074685-30-6	5-Eicosene, (E)-	24.32	1500	JN
6. 003351-28-8	Chrysene, 1-methyl-	25.13	1000	JN
7.	unknown	27.08	2000	J
8. 000630-06-8	Hexatriacontane	28.56	1200	JN
9. 000191-26-4	Dibenzo[def,mno]chrysene	29.10	870	JN
10. 000638-67-5	Tricosane	29.84	940	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.18

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00902.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.1 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.18

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00902.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.1 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-9

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.18

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA00902.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.1 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.85	1200	JN
2. 074685-30-6	5-Eicosene, (E)-	24.32	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.20

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA00890.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 11.13 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.20

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA00890.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 11.13 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-10

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.20

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA00890.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 11.13 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.64	2400	JN
2. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	23.31	2300	JN
3. 000510-15-6	Chlorobenzilate	23.51	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.22

Sample wt/vol: 11.09 (g/ml) G Lab File ID: BNA00903.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 8.03 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	980	U
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	980	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	360	J
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-11

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.22

Sample wt/vol: 11.09 (g/ml) G Lab File ID: BNA00903.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 8.03 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	430	J
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	3600	
92-87-5	Benzidine	980	U
129-00-0	Pyrene	3100	
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	1700	
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	2800	
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	2100	
207-08-9	Benzo[k]fluoranthene	1700	
50-32-8	Benzo[a]pyrene	2000	
193-39-5	Indeno[1,2,3-cd]pyrene	1200	
53-70-3	Dibenz[a,h]anthracene	210	J
191-24-2	Benzo[g,h,i]perylene	1100	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-11

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.22

Sample wt/vol: 11.09 (g/ml) G Lab File ID: BNA00903.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 8.03 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.56	1900	JN
2. 000789-02-6	o,p'-DDT	23.32	1200	JN
3.	unknown	23.67	990	J
4. 074685-30-6	5-Eicosene, (E)-	24.33	5100	JN
5. 003351-31-3	Chrysene, 3-methyl-	25.14	880	JN
6. 013360-61-7	1-Pentadecene	27.26	800	JN
7. 000630-06-8	Hexatriacontane	28.56	1000	JN
8. 000191-26-4	Dibenzo[def,mno]chrysene	29.10	870	JN
9. 000215-58-7	Benzo[b]triphenylene	29.50	820	JN
10. 000638-67-5	Tricosane	29.85	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.24

Sample wt/vol: 10.82 (g/ml) G Lab File ID: BNA00892.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.14 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.24

Sample wt/vol: 10.82 (g/ml) G Lab File ID: BNA00892.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.14 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-12

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.24

Sample wt/vol: 10.82 (g/ml) G Lab File ID: BNA00892.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.14 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.85	850	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.26

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA00893.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 12.14 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.26

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA00893.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 12.14 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	520	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-13

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.26

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA00893.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 12.14 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.28

Sample wt/vol: 11.21 (g/ml) G Lab File ID: BNA00894.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 8.32 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	970	U
62-75-9	N-nitroso-dimethylamine	970	U
62-53-3	Aniline	970	U
108-95-2	Phenol	970	U
111-44-4	bis(2-Chloroethyl)ether	970	U
95-57-8	2-Chlorophenol	970	U
541-73-1	1,3-Dichlorobenzene	970	U
106-46-7	1,4-Dichlorobenzene	970	U
100-51-6	Benzyl alcohol	970	U
95-50-1	1,2-Dichlorobenzene	970	U
	2-Methylphenol	970	U
108-60-1	bis(2-chloroisopropyl)ether	970	U
	4-Methylphenol	970	U
621-64-7	n-Nitroso-di-n-propylamine	970	U
67-72-1	Hexachloroethane	970	U
98-95-3	Nitrobenzene	970	U
78-59-1	Isophorone	970	U
88-75-5	2-Nitrophenol	970	U
105-67-9	2,4-Dimethylphenol	970	U
111-91-1	bis(2-Chloroethoxy)methane	970	U
120-83-2	2,4-Dichlorophenol	970	U
65-85-0	Benzoic Acid	970	U
120-82-1	1,2,4-Trichlorobenzene	970	U
91-20-3	Naphthalene	970	U
106-47-8	4-Chloroaniline	970	U
87-68-3	Hexachlorobutadiene	970	U
59-50-7	4-Chloro-3-methylphenol	970	U
91-57-6	2-Methylnaphthalene	970	U
77-47-4	Hexachlorocyclopentadiene	970	U
88-06-2	2,4,6-Trichlorophenol	970	U
	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	970	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	970	U
208-96-8	Acenaphthylene	970	U
606-20-2	2,6-Dinitrotoluene	970	U
99-09-2	3-Nitroaniline	970	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.28

Sample wt/vol: 11.21 (g/ml) G Lab File ID: BNA00894.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 8.32 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	970	U
51-28-5	2,4-Dinitrophenol	970	U
132-64-9	Dibenzofuran	970	U
100-02-7	4-Nitrophenol	970	U
121-14-2	2,4-Dinitrotoluene	970	U
84-66-2	Diethylphthalate	970	U
86-73-7	Fluorene	970	U
7005-72-3	4-Chlorophenyl-phenylether	970	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	n-Nitrosodiphenylamine	970	U
103-33-3	Azobenzene	970	U
101-55-3	4-Bromophenyl-phenylether	970	U
118-74-1	Hexachlorobenzene	970	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	970	U
120-12-7	Anthracene	970	U
84-74-2	Di-n-butylphthalate	770	JB
206-44-0	Fluoranthene	280	J
92-87-5	Benzidine	970	U
129-00-0	Pyrene	280	J
85-68-7	Butylbenzylphthalate	970	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	970	U
218-01-9	Chrysene	300	J
117-81-7	bis(2-Ethylhexyl)phthalate	970	U
117-84-0	Di-n-octylphthalate	970	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	170	J
193-39-5	Indeno[1,2,3-cd]pyrene	970	U
53-70-3	Dibenz[a,h]anthracene	970	U
191-24-2	Benzo[g,h,i]perylene	970	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-14

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.28

Sample wt/vol: 11.21 (g/ml) G Lab File ID: BNA00894.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 8.32 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.86	1300	JN
2. 000053-19-0	Mitotane	22.64	980	JN
3. 000638-66-4	Octadecanal	23.83	800	JN
4. 074685-30-6	5-Eicosene, (E)-	24.32	2800	JN
5. 056554-87-1	16-Octadecenal	25.39	960	JN
6. 000630-06-8	Hexatriacontane	25.86	1200	JN
7. 000000-00-0	1-Hexacosanal	26.85	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.30

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00895.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.23 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.30

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00895.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.23 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-15

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.30

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00895.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 10.23 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.85	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.32

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA00896.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.3 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.32

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA00896.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.3 decanted:(Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	740	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-16

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3923 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3923.32

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA00896.D

Level: (low/med) LOW Date Received: 09/29/98

% Moisture: 7.3 decanted: (Y/N) N Date Extracted: 09/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/13/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.85	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.02

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00904.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.65 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.02

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00904.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.65 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	460	JB
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	330	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	210	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	300	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	220	J
50-32-8	Benzo[a]pyrene	210	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-17

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.02

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA00904.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.65 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.87	3900	JN
2. 074685-30-6	5-Eicosene, (E)-	24.32	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.04

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00905.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.04 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	320	J
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	650	J
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.04

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00905.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.04 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	3300	
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	2300	
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	3300	
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	27000	E
120-12-7	Anthracene	8200	
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	28000	E
92-87-5	Benzidine	990	U
129-00-0	Pyrene	21000	E
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	11000	
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	15000	E
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	11000	
207-08-9	Benzo[k]fluoranthene	5500	
50-32-8	Benzo[a]pyrene	9600	
193-39-5	Indeno[1,2,3-cd]pyrene	4700	
53-70-3	Dibenz[a,h]anthracene	2000	
191-24-2	Benzo[g,h,i]perylene	4000	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.04

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00905.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.04 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000582-16-1	Naphthalene, 2,7-dimethyl-	13.59	830	JN
2. 000581-40-8	Naphthalene, 2,3-dimethyl-	13.78	1000	JN
3. 007320-53-8	Dibenzofuran, 4-methyl-	16.24	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.04

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00925.D

Level: (low/med) LOW Date Received: 9/30/98

% Moisture: 8.04 decanted:(Y/N) N Date Extracted: 10/5/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	9900	U
62-75-9	N-nitroso-dimethylamine	9900	U
62-53-3	Aniline	9900	U
108-95-2	Phenol	9900	U
111-44-4	bis(2-Chloroethyl)ether	9900	U
95-57-8	2-Chlorophenol	9900	U
541-73-1	1,3-Dichlorobenzene	9900	U
106-46-7	1,4-Dichlorobenzene	9900	U
100-51-6	Benzyl alcohol	9900	U
95-50-1	1,2-Dichlorobenzene	9900	U
	2-Methylphenol	9900	U
108-60-1	bis(2-chloroisopropyl)ether	9900	U
	4-Methylphenol	9900	U
621-64-7	n-Nitroso-di-n-propylamine	9900	U
67-72-1	Hexachloroethane	9900	U
98-95-3	Nitrobenzene	9900	U
78-59-1	Isophorone	9900	U
88-75-5	2-Nitrophenol	9900	U
105-67-9	2,4-Dimethylphenol	9900	U
111-91-1	bis(2-Chloroethoxy)methane	9900	U
120-83-2	2,4-Dichlorophenol	9900	U
65-85-0	Benzoic Acid	9900	U
120-82-1	1,2,4-Trichlorobenzene	9900	U
91-20-3	Naphthalene	9900	U
106-47-8	4-Chloroaniline	9900	U
87-68-3	Hexachlorobutadiene	9900	U
59-50-7	4-Chloro-3-methylphenol	9900	U
91-57-6	2-Methylnaphthalene	9900	U
77-47-4	Hexachlorocyclopentadiene	9900	U
88-06-2	2,4,6-Trichlorophenol	9900	U
	2,4,5-Trichlorophenol	9900	U
91-58-7	2-Chloronaphthalene	9900	U
88-74-4	2-Nitroaniline	9900	U
131-11-3	Dimethylphthalate	9900	U
208-96-8	Acenaphthylene	9900	U
606-20-2	2,6-Dinitrotoluene	9900	U
99-09-2	3-Nitroaniline	9900	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-18

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.04

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00925.D

Level: (low/med) LOW Date Received: 9/30/98

% Moisture: 8.04 decanted:(Y/N) N Date Extracted: 10/5/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	5600	JD
51-28-5	2,4-Dinitrophenol	9900	U
132-64-9	Dibenzofuran	3900	JD
100-02-7	4-Nitrophenol	9900	U
121-14-2	2,4-Dinitrotoluene	9900	U
84-66-2	Diethylphthalate	9900	U
86-73-7	Fluorene	5700	JD
7005-72-3	4-Chlorophenyl-phenylether	9900	U
100-01-6	4-Nitroaniline	9900	U
534-52-1	4,6-Dinitro-2-methylphenol	9900	U
86-30-6	n-Nitrosodiphenylamine	9900	U
103-33-3	Azobenzene	9900	U
101-55-3	4-Bromophenyl-phenylether	9900	U
118-74-1	Hexachlorobenzene	9900	U
87-86-5	Pentachlorophenol	9900	U
85-01-8	Phenanthrene	58000	D
120-12-7	Anthracene	15000	D
84-74-2	Di-n-butylphthalate	990	JBD
206-44-0	Fluoranthene	55000	D
92-87-5	Benzidine	9900	U
129-00-0	Pyrene	43000	D
85-68-7	Butylbenzylphthalate	9900	U
56-55-3	Benzo[a]anthracene	18000	D
91-94-1	3,3'-Dichlorobenzidine	9900	U
218-01-9	Chrysene	25000	D
117-81-7	bis(2-Ethylhexyl)phthalate	9900	U
117-84-0	Di-n-octylphthalate	9900	U
205-99-2	Benzo[b]fluoranthene	13000	D
207-08-9	Benzo[k]fluoranthene	10000	D
50-32-8	Benzo[a]pyrene	13000	D
193-39-5	Indeno[1,2,3-cd]pyrene	7500	JD
53-70-3	Dibenz[a,h]anthracene	3200	JD
191-24-2	Benzo[g,h,i]perylene	7500	JD

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.06

Sample wt/vol: 10.39 (g/ml) G Lab File ID: BNA00906.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.97 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.06

Sample wt/vol: 10.39 (g/ml) G Lab File ID: BNA00906.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.97 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-19

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.06

Sample wt/vol: 10.39 (g/ml) G Lab File ID: BNA00906.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.97 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.32	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.08

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00907.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.09 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.08

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00907.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.09 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	230	J
120-12-7	Anthracene	220	J
84-74-2	Di-n-butylphthalate	700	JB
206-44-0	Fluoranthene	300	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	410	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	210	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-20

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.08

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA00907.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.09 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.87	5300	JN
2. 074685-30-6	5-Eicosene, (E)-	24.32	3900	JN
3. 000000-00-0	1-Hexacosanal	26.84	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.10

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA00908.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.21 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.10

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA00908.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.21 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	460	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-21

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.10

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA00908.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 11.21 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.86	3700	JN
2. 074685-30-6	5-Eicosene, (E)-	24.32	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00909.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 9.61 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00909.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 9.61 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	840	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-22

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.12

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA00909.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 9.61 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.38	1700	J
2.	unknown	17.51	980	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.87	6900	JN
4. 074685-30-6	5-Eicosene, (E)-	24.32	4200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.14

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00910.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 5.65 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.14

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00910.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 5.65 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-23

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.14

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00910.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 5.65 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.86	4000	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.55	910	JN
3. 074685-30-6	5-Eicosene, (E)-	24.32	4200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.16

Sample wt/vol: 10.99 (g/ml) G Lab File ID: BNA00911.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 9.65 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	180	J
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	230	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.16

Sample wt/vol: 10.99 (g/ml) G Lab File ID: BNA00911.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 9.65 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	170	J
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	4600	
120-12-7	Anthracene	720	J
84-74-2	Di-n-butylphthalate	500	JB
206-44-0	Fluoranthene	8800	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	8200	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	3500	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	6500	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	4400	
207-08-9	Benzo[k]fluoranthene	3000	
50-32-8	Benzo[a]pyrene	3800	
193-39-5	Indeno[1,2,3-cd]pyrene	1800	
53-70-3	Dibenz[a,h]anthracene	800	J
191-24-2	Benzo[g,h,i]perylene	1700	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-24

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.16

Sample wt/vol: 10.99 (g/ml) G Lab File ID: BNA00911.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 9.65 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.87	4500	JN
2. 000613-12-7	Anthracene, 2-methyl-	19.18	930	JN
3. 000779-02-2	Anthracene, 9-methyl-	19.23	1100	JN
4. 000084-65-1	9,10-Anthracenedione	19.94	1300	JN
5. 003674-66-6	Phenanthrene, 2,5-dimethyl-	20.53	960	JN
6.	unknown	23.68	940	J
7. 074685-30-6	5-Eicosene, (E)-	24.33	2900	JN
8. 000191-26-4	Dibenzo[def,mno]chrysene	29.10	950	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.18

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00912.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 6.35 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	970	U
62-75-9	N-nitroso-dimethylamine	970	U
62-53-3	Aniline	970	U
108-95-2	Phenol	970	U
111-44-4	bis(2-Chloroethyl)ether	970	U
95-57-8	2-Chlorophenol	970	U
541-73-1	1,3-Dichlorobenzene	970	U
106-46-7	1,4-Dichlorobenzene	970	U
100-51-6	Benzyl alcohol	970	U
95-50-1	1,2-Dichlorobenzene	970	U
	2-Methylphenol	970	U
108-60-1	bis(2-chloroisopropyl)ether	970	U
	4-Methylphenol	970	U
621-64-7	n-Nitroso-di-n-propylamine	970	U
67-72-1	Hexachloroethane	970	U
98-95-3	Nitrobenzene	970	U
78-59-1	Isophorone	970	U
88-75-5	2-Nitrophenol	970	U
105-67-9	2,4-Dimethylphenol	970	U
111-91-1	bis(2-Chloroethoxy)methane	970	U
120-83-2	2,4-Dichlorophenol	970	U
65-85-0	Benzoic Acid	970	U
120-82-1	1,2,4-Trichlorobenzene	970	U
91-20-3	Naphthalene	970	U
106-47-8	4-Chloroaniline	970	U
87-68-3	Hexachlorobutadiene	970	U
59-50-7	4-Chloro-3-methylphenol	970	U
91-57-6	2-Methylnaphthalene	970	U
77-47-4	Hexachlorocyclopentadiene	970	U
88-06-2	2,4,6-Trichlorophenol	970	U
	2,4,5-Trichlorophenol	970	U
91-58-7	2-Chloronaphthalene	970	U
88-74-4	2-Nitroaniline	970	U
131-11-3	Dimethylphthalate	970	U
208-96-8	Acenaphthylene	970	U
606-20-2	2,6-Dinitrotoluene	970	U
99-09-2	3-Nitroaniline	970	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-25

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.18

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00912.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 6.35 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	970	U
51-28-5	2,4-Dinitrophenol	970	U
132-64-9	Dibenzofuran	970	U
100-02-7	4-Nitrophenol	970	U
121-14-2	2,4-Dinitrotoluene	970	U
84-66-2	Diethylphthalate	970	U
86-73-7	Fluorene	970	U
7005-72-3	4-Chlorophenyl-phenylether	970	U
100-01-6	4-Nitroaniline	970	U
534-52-1	4,6-Dinitro-2-methylphenol	970	U
86-30-6	n-Nitrosodiphenylamine	970	U
103-33-3	Azobenzene	970	U
101-55-3	4-Bromophenyl-phenylether	970	U
118-74-1	Hexachlorobenzene	970	U
87-86-5	Pentachlorophenol	970	U
85-01-8	Phenanthrene	970	U
120-12-7	Anthracene	970	U
84-74-2	Di-n-butylphthalate	690	JB
206-44-0	Fluoranthene	970	U
92-87-5	Benzidine	970	U
129-00-0	Pyrene	970	U
85-68-7	Butylbenzylphthalate	970	U
56-55-3	Benzo[a]anthracene	970	U
91-94-1	3,3'-Dichlorobenzidine	970	U
218-01-9	Chrysene	970	U
117-81-7	bis(2-Ethylhexyl)phthalate	970	U
117-84-0	Di-n-octylphthalate	970	U
205-99-2	Benzo[b]fluoranthene	970	U
207-08-9	Benzo[k]fluoranthene	970	U
50-32-8	Benzo[a]pyrene	970	U
193-39-5	Indeno[1,2,3-cd]pyrene	970	U
53-70-3	Dibenz[a,h]anthracene	970	U
191-24-2	Benzo[g,h,i]perylene	970	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-25

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.18

Sample wt/vol: 10.98 (g/ml) G Lab File ID: BNA00912.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 6.35 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.85	1000	JN
2. 074685-30-6	5-Eicosene, (E)-	24.33	4000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.20

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA00913.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 3.54 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.20

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA00913.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 3.54 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	290	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	170	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	280	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-26

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.20

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA00913.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 3.54 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 6

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.64	1100	JN
2. 000789-02-6	o,p'-DDT	23.31	2000	JN
3. 074685-30-6	5-Eicosene, (E)-	24.32	4700	JN
4. 013360-61-7	1-Pentadecene	25.85	3200	JN
5. 001560-84-5	Eicosane, 2-methyl-	26.56	940	JN
6. 000000-00-0	1-Hexacosanal	26.84	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.22

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BNA00914.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.09 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-27

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.22

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BNA00914.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.09 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1100	
120-12-7	Anthracene	270	J
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	1700	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	760	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	970	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	520	J
207-08-9	Benzo[k]fluoranthene	560	J
50-32-8	Benzo[a]pyrene	540	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	210	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-27

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.22

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BNA00914.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.09 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/14/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.85	880	JN
2. 074685-30-6	5-Eicosene, (E)-	24.32	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.24

Sample wt/vol: 10.99 (g/ml) G Lab File ID: BNA00926.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 7.14 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	980	U
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	980	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	980	U
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.24

Sample wt/vol: 10.99 (g/ml) G Lab File ID: BNA00926.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 7.14 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	980	U
120-12-7	Anthracene	980	U
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	980	U
92-87-5	Benzidine	980	U
129-00-0	Pyrene	980	U
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	980	U
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	980	U
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	980	U
207-08-9	Benzo[k]fluoranthene	980	U
50-32-8	Benzo[a]pyrene	980	U
193-39-5	Indeno[1,2,3-cd]pyrene	980	U
53-70-3	Dibenz[a,h]anthracene	980	U
191-24-2	Benzo[g,h,i]perylene	980	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-28

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.24

Sample wt/vol: 10.99 (g/ml) G Lab File ID: BNA00926.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 7.14 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.29	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.26

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA00916.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.93 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.26

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA00916.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.93 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-29

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.26

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA00916.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 8.93 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.29	3100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.28

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BNA00927.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 10.58 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.28

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BNA00927.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 10.58 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-30

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.28

Sample wt/vol: 10.94 (g/ml) G Lab File ID: BNA00927.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 10.58 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.30	4600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.30

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA00928.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 10.2 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.30

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA00928.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 10.2 decanted:(Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	160	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-31

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3929 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3929.30

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA00928.D

Level: (low/med) LOW Date Received: 09/30/98

% Moisture: 10.2 decanted: (Y/N) N Date Extracted: 10/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/21/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.29	4200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.02

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00948.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 14.07 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.02

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00948.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 14.07 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	140	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	140	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-32

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.02

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00948.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 14.07 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.82	940	JN
2. 074685-30-6	5-Eicosene, (E)-	24.28	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.04

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00951.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.71 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.04

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00951.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.71 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	830	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	200	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-33

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.04

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00951.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.71 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.82	1200	JN
2. 000789-02-6	o,p'-DDT	23.27	2000	JN
3. 074685-30-6	5-Eicosene, (E)-	24.28	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.06

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00952.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.64 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.06

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00952.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.64 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	950	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-34

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.06

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA00952.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.64 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.82	1200	JN
2. 000112-88-9	1-Octadecene	24.28	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.08

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA00953.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 4.56 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.08

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA00953.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 4.56 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	910	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-35

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.08

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA00953.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 4.56 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.82	1200	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	24.28	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.10

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BNA00954.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 8.51 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.10

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BNA00954.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 8.51 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1500	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-36

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.10

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BNA00954.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 8.51 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.82	1800	JN
2. 074685-30-6	5-Eicosene, (E)-	24.28	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.12

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00955.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.07 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.12

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00955.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.07 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-37

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.12

Sample wt/vol: 10.61 (g/ml) G Lab File ID: BNA00955.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.07 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.82	1200	JN
2. 074685-30-6	5-Eicosene, (E)-	24.28	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.14

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00956.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 9.96 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.14

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00956.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 9.96 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	500	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	420	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-38

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.14

Sample wt/vol: 10.21 (g/ml) G Lab File ID: BNA00956.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 9.96 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.28	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.16

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00957.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 16.02 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.16

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00957.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 16.02 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	870	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-39

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.16

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00957.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 16.02 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.82	990	JN
2. 074685-30-6	5-Eicosene, (E)-	24.28	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.18

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00958.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1600	
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	530	J
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.18

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00958.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	6100	
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	610	J
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1700	
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	24000	E
120-12-7	Anthracene	5600	
84-74-2	Di-n-butylphthalate	1800	B
206-44-0	Fluoranthene	90000	E
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	130000	E
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200000	E
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	34000	E
117-81-7	bis(2-Ethylhexyl)phthalate	190	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	250000	E
207-08-9	Benzo[k]fluoranthene	38000	E
50-32-8	Benzo[a]pyrene	330000	E
193-39-5	Indeno[1,2,3-cd]pyrene	110000	E
53-70-3	Dibenz[a,h]anthracene	84000	E
191-24-2	Benzo[g,h,i]perylene	88000	E

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.18

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00958.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.2 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 12 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000086-74-8	Carbazole	18.64	1200	JN
2.	unknown	19.45	1700	J
3. 006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro	21.74	1600	JN
4. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	21.77	3900	JN
5. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	21.85	7700	JN
6. 000194-03-6	Thebenidine-	21.88	970	JN
7. 000243-17-4	11H-Benzo[b]fluorene	22.36	30000	JN
8. 002381-21-7	Pyrene, 1-methyl-	22.86	6500	JN
9. 000959-02-4	Naphthacene, 5,12-dihydro-	23.14	5000	JN
10. 000612-78-2	2,2'-Binaphthalene	25.88	4200	JN
11. 003343-10-0	Benz[j]aceanthrylene, 3-methyl-	27.98	4200	JN
12. 000000-00-0	1,2:7,8-Dibenzphenanthrene	29.79	5100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.18

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00970.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	53000	U
62-75-9	N-nitroso-dimethylamine	53000	U
62-53-3	Aniline	53000	U
108-95-2	Phenol	53000	U
111-44-4	bis(2-Chloroethyl)ether	53000	U
95-57-8	2-Chlorophenol	53000	U
541-73-1	1,3-Dichlorobenzene	53000	U
106-46-7	1,4-Dichlorobenzene	53000	U
100-51-6	Benzyl alcohol	53000	U
95-50-1	1,2-Dichlorobenzene	53000	U
	2-Methylphenol	53000	U
108-60-1	bis(2-chloroisopropyl)ether	53000	U
	4-Methylphenol	53000	U
621-64-7	n-Nitroso-di-n-propylamine	53000	U
67-72-1	Hexachloroethane	53000	U
98-95-3	Nitrobenzene	53000	U
78-59-1	Isophorone	53000	U
88-75-5	2-Nitrophenol	53000	U
105-67-9	2,4-Dimethylphenol	53000	U
111-91-1	bis(2-Chloroethoxy)methane	53000	U
120-83-2	2,4-Dichlorophenol	53000	U
65-85-0	Benzoic Acid	53000	U
120-82-1	1,2,4-Trichlorobenzene	53000	U
91-20-3	Naphthalene	53000	U
106-47-8	4-Chloroaniline	53000	U
87-68-3	Hexachlorobutadiene	53000	U
59-50-7	4-Chloro-3-methylphenol	53000	U
91-57-6	2-Methylnaphthalene	53000	U
77-47-4	Hexachlorocyclopentadiene	53000	U
88-06-2	2,4,6-Trichlorophenol	53000	U
	2,4,5-Trichlorophenol	53000	U
91-58-7	2-Chloronaphthalene	53000	U
88-74-4	2-Nitroaniline	53000	U
131-11-3	Dimethylphthalate	53000	U
208-96-8	Acenaphthylene	53000	U
606-20-2	2,6-Dinitrotoluene	53000	U
99-09-2	3-Nitroaniline	53000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-40

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.18

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA00970.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 50.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	53000	U
51-28-5	2,4-Dinitrophenol	53000	U
132-64-9	Dibenzofuran	53000	U
100-02-7	4-Nitrophenol	53000	U
121-14-2	2,4-Dinitrotoluene	53000	U
84-66-2	Diethylphthalate	53000	U
86-73-7	Fluorene	53000	U
7005-72-3	4-Chlorophenyl-phenylether	53000	U
100-01-6	4-Nitroaniline	53000	U
534-52-1	4,6-Dinitro-2-methylphenol	53000	U
86-30-6	n-Nitrosodiphenylamine	53000	U
103-33-3	Azobenzene	53000	U
101-55-3	4-Bromophenyl-phenylether	53000	U
118-74-1	Hexachlorobenzene	53000	U
87-86-5	Pentachlorophenol	53000	U
85-01-8	Phenanthrene	28000	JD
120-12-7	Anthracene	53000	U
84-74-2	Di-n-butylphthalate	53000	U
206-44-0	Fluoranthene	210000	D
92-87-5	Benzidine	53000	U
129-00-0	Pyrene	220000	D
85-68-7	Butylbenzylphthalate	53000	U
56-55-3	Benzo[a]anthracene	160000	D
91-94-1	3,3'-Dichlorobenzidine	53000	U
218-01-9	Chrysene	310000	D
117-81-7	bis(2-Ethylhexyl)phthalate	53000	U
117-84-0	Di-n-octylphthalate	53000	U
205-99-2	Benzo[b]fluoranthene	260000	D
207-08-9	Benzo[k]fluoranthene	130000	D
50-32-8	Benzo[a]pyrene	240000	D
193-39-5	Indeno[1,2,3-cd]pyrene	150000	D
53-70-3	Dibenz[a,h]anthracene	55000	D
191-24-2	Benzo[g,h,i]perylene	150000	D

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA00959.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.76 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA00959.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.76 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	270	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	130	JB
206-44-0	Fluoranthene	590	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	520	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	290	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	420	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	240	J
207-08-9	Benzo[k]fluoranthene	280	J
50-32-8	Benzo[a]pyrene	230	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-41

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.20

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA00959.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.76 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.29	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.22

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA00960.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 8.65 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.22

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA00960.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 8.65 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	200	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-42

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.22

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA00960.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 8.65 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/22/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 019047-85-9	Phosphonic acid, dioctadecyl este	24.28	940	JN
2. 000000-00-0	1-Hexacosanal	26.81	910	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.24

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00968.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.92 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	300	J
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.24

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00968.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.92 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	280	J
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1800	
120-12-7	Anthracene	310	J
84-74-2	Di-n-butylphthalate	320	JB
206-44-0	Fluoranthene	1900	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	2400	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1100	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	700	J
207-08-9	Benzo[k]fluoranthene	770	J
50-32-8	Benzo[a]pyrene	870	J
193-39-5	Indeno[1,2,3-cd]pyrene	460	J
53-70-3	Dibenz[a,h]anthracene	250	J
191-24-2	Benzo[g,h,i]perylene	490	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-43

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.24

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA00968.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 7.92 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.51	1600	JN
2. 001599-67-3	1-Docosene	24.28	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.26

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA00969.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 10.74 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.26

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA00969.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 10.74 decanted:(Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	290	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-44

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3984 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3984.26

Sample wt/vol: 10.6 (g/ml) G Lab File ID: BNA00969.D

Level: (low/med) LOW Date Received: 10/19/98

% Moisture: 10.74 decanted: (Y/N) N Date Extracted: 10/20/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 10/26/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.28	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.02

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA01107.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.62 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.02

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA01107.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.62 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	180	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	2100	B
206-44-0	Fluoranthene	250	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	240	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-45

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.02

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA01107.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.62 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.80	1900	J
2. 074685-30-6	5-Eicosene, (E)-	24.26	4700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01094.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.96 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01094.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.96 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	2400	B
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	280	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-46

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BNA01094.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.96 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.80	2100	JN
2. 074685-30-6	5-Eicosene, (E)-	24.26	5000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01095.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.35 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01095.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.35 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	760	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	13000	
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-47

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01095.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.35 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	930	JN
2. 001454-84-8	1-Nonadecanol	24.26	4900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01108.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.87 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01108.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.87 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	750	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	13000	
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-48

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.08

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01108.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.87 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	930	JN
2. 074685-30-6	5-Eicosene, (E)-	24.26	5100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.10

Sample wt/vol: 9.95 (g/ml) G Lab File ID: BNA01097.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.32 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.10

Sample wt/vol: 9.95 (g/ml) G Lab File ID: BNA01097.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.32 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	420	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	420	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	320	J
117-81-7	bis(2-Ethylhexyl)phthalate	320	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-49

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.10

Sample wt/vol: 9.95 (g/ml) G Lab File ID: BNA01097.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.32 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.26	3000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.12

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01098.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.08 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.12

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01098.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.08 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	340	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-50

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.12

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01098.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.08 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.27	6000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.14

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01099.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 13.15 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.14

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01099.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 13.15 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	670	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	960	JB
206-44-0	Fluoranthene	1100	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	940	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	480	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	730	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	350	J
207-08-9	Benzo[k]fluoranthene	380	J
50-32-8	Benzo[a]pyrene	390	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-51

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.14

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01099.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 13.15 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/02/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.80	1500	JN
2. 074685-30-6	5-Eicosene, (E)-	24.27	5400	JN
3. 000112-92-5	1-Octadecanol	28.53	940	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.16

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01109.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.99 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.16

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01109.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.99 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	640	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	920	JB
206-44-0	Fluoranthene	1000	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	900	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	450	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	680	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	350	J
207-08-9	Benzo[k]fluoranthene	390	J
50-32-8	Benzo[a]pyrene	370	J
193-39-5	Indeno[1,2,3-cd]pyrene	210	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	230	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-52

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.16

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01109.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.99 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.79	1500	J
2. 074685-30-6	5-Eicosene, (E)-	24.26	5400	JN
3. 000629-96-9	1-Eicosanol	28.53	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.18

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01101.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.77 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.18

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01101.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.77 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	
120-12-7	Anthracene	290	J
84-74-2	Di-n-butylphthalate	200	JB
206-44-0	Fluoranthene	3400	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	3100	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	2000	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	3100	
117-81-7	bis(2-Ethylhexyl)phthalate	1400	
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1800	
207-08-9	Benzo[k]fluoranthene	1800	
50-32-8	Benzo[a]pyrene	2000	
193-39-5	Indeno[1,2,3-cd]pyrene	1000	J
53-70-3	Dibenz[a,h]anthracene	520	J
191-24-2	Benzo[g,h,i]perylene	990	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-53

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.18

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01101.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.77 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000243-17-4	11H-Benzo[b]fluorene	22.09	890	JN
2. 000112-88-9	1-Octadecene	24.26	4900	JN
3.	unknown	27.01	1100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.20

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01110.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.17 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.20

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01110.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.17 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-54

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.20

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01110.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 14.17 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.26	4400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.22

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA01111.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 15.8 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.22

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA01111.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 15.8 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	300	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-55

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.22

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA01111.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 15.8 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	24.26	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.24

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BNA01112.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 6.22 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.24

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BNA01112.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 6.22 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	720	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-56

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.24

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BNA01112.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 6.22 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000085-69-8	1,2-Benzenedicarboxylic acid, but	18.79	1000	JN
2. 000112-88-9	1-Octadecene	24.25	3300	JN
3. 000502-62-5	.Psi.,.psi.-Carotene, 7,7',8,8',11,1	26.73	890	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.26

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01113.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.28 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.26

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01113.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.28 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	2700	B
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	220	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	250	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-57

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.26

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01113.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.28 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.80	1900	JN
2. 074685-30-6	5-Eicosene, (E)-	24.27	6600	JN
3. 001599-67-3	1-Docosene	25.79	2000	JN
4. 000000-00-0	1-Hexacosanal	26.78	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.28

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01114.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 4.65 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.28

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01114.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 4.65 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	15000	EB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-58

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.28

Sample wt/vol: 10.02 (g/ml) G Lab File ID: BNA01114.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 4.65 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	1600	JN
2. 074685-30-6	5-Eicosene, (E)-	24.25	3100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.30

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA01115.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 13.63 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.30

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA01115.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 13.63 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	380	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	560	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	480	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	340	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-59

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.30

Sample wt/vol: 10.25 (g/ml) G Lab File ID: BNA01115.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 13.63 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.26	5400	JN
2. 000106-28-5	2,6,10-Dodecatrien-1-ol, 3,7,11-tri	26.74	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.32

Sample wt/vol: 10.82 (g/ml) G Lab File ID: BNA01116.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 16.44 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.32

Sample wt/vol: 10.82 (g/ml) G Lab File ID: BNA01116.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 16.44 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-60

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.32

Sample wt/vol: 10.82 (g/ml) G Lab File ID: BNA01116.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 16.44 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.80	1700	JN
2. 074685-30-6	5-Eicosene, (E)-	24.26	5500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.34

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01117.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.23 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.34

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01117.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.23 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	950	JB
206-44-0	Fluoranthene	780	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	850	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	590	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	
117-81-7	bis(2-Ethylhexyl)phthalate	320	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	630	J
207-08-9	Benzo[k]fluoranthene	640	J
50-32-8	Benzo[a]pyrene	740	J
193-39-5	Indeno[1,2,3-cd]pyrene	420	J
53-70-3	Dibenz[a,h]anthracene	220	J
191-24-2	Benzo[g,h,i]perylene	470	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-61

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.34

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01117.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.23 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.79	1400	J
2. 074685-30-6	5-Eicosene, (E)-	24.26	3900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.36

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA01118.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.82 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.36

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA01118.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.82 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	470	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	440	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	320	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	530	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	330	J
50-32-8	Benzo[a]pyrene	350	J
193-39-5	Indeno[1,2,3-cd]pyrene	180	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-62

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.36

Sample wt/vol: 9.9 (g/ml) G Lab File ID: BNA01118.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.82 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.79	1800	J
2. 000112-88-9	1-Octadecene	24.26	4700	JN
3. 000000-00-0	1-Hexacosanal	26.78	2000	JN
4. 000544-76-3	Hexadecane	28.50	2300	JN
5. 000629-96-9	1-Eicosanol	28.54	1100	JN
6. 007390-81-0	Oxirane, hexadecyl-	29.43	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.38

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01119.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.53 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.38

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01119.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.53 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	730	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-63

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.38

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01119.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.53 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.79	1000	J
2. 001454-84-8	1-Nonadecanol	24.26	3900	JN

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.40

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01120.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.34 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.40

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01120.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.34 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	410	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-64

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3989 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3989.40

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01120.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.34 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/03/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	24.26	4400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64A

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.02

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BNA01171.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.61 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-64 A

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.02

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BNA01171.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.61 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	320	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	190	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	130	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	130	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-64A

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.02

Sample wt/vol: 9.94 (g/ml) G Lab File ID: BNA01171.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.61 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-92-5	1-Octadecanol	24.25	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.04

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA01195.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.04

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA01195.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1100	B
206-44-0	Fluoranthene	310	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	300	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	190	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-65

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.04

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA01195.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000053-19-0	Mitotane	23.23	870	JN
2. 000112-88-9	1-Octadecene	24.24	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.06

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01196.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.44 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.06

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01196.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.44 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	940	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-66

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.06

Sample wt/vol: 10.11 (g/ml) G Lab File ID: BNA01196.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 10.44 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.78	1600	J
2. 001599-67-3	1-Docosene	24.24	3700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.08

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA01176.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 12.69 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.08

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA01176.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 12.69 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	890	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-67

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.08

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA01176.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 12.69 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	1500	JN
2. 001599-67-3	1-Docosene	24.25	3800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.10

Sample wt/vol: 10.89 (g/ml) G Lab File ID: BNA01177.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 12.91 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.10

Sample wt/vol: 10.89 (g/ml) G Lab File ID: BNA01177.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 12.91 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-68

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.10

Sample wt/vol: 10.89 (g/ml) G Lab File ID: BNA01177.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 12.91 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	1900	JN
2. 074685-30-6	5-Eicosene, (E)-	24.25	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.12

Sample wt/vol: 10.39 (g/ml) G Lab File ID: BNA01178.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.37 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.12

Sample wt/vol: 10.39 (g/ml) G Lab File ID: BNA01178.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.37 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1600	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-69

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.12

Sample wt/vol: 10.39 (g/ml) G Lab File ID: BNA01178.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.37 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.79	2500	J
2. 074685-30-6	5-Eicosene, (E)-	24.25	4400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.14

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01179.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.56 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.14

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01179.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.56 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	280	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-70

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.14

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01179.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 8.56 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.25	4000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.16

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA01180.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.9 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.16

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA01180.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.9 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	290	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	1200	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	990	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	2100	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1500	
207-08-9	Benzo[k]fluoranthene	1200	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	770	J
53-70-3	Dibenz[a,h]anthracene	400	J
191-24-2	Benzo[g,h,i]perylene	840	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-71

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.16

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA01180.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 9.9 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	1500	JN
2. 074685-30-6	5-Eicosene, (E)-	24.26	6900	JN
3.	unknown	27.00	990	J
4. 018435-45-5	1-Nonadecene	28.53	900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.18

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BNA01181.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.31 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.18

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BNA01181.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.31 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	340	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-72

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.18

Sample wt/vol: 10.83 (g/ml) G Lab File ID: BNA01181.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 11.31 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.25	3600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.20

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01182.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.74 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.20

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01182.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.74 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	190	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-73

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.20

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01182.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 7.74 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.25	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.22

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA01183.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.01 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	980	U
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	980	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	980	U
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.22

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA01183.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.01 decanted:(Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	980	U
120-12-7	Anthracene	980	U
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	980	U
92-87-5	Benzidine	980	U
129-00-0	Pyrene	980	U
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	980	U
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	980	U
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	980	U
207-08-9	Benzo[k]fluoranthene	980	U
50-32-8	Benzo[a]pyrene	980	U
193-39-5	Indeno[1,2,3-cd]pyrene	980	U
53-70-3	Dibenz[a,h]anthracene	980	U
191-24-2	Benzo[g,h,i]perylene	980	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-74

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 3996 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 3996.22

Sample wt/vol: 10.71 (g/ml) G Lab File ID: BNA01183.D

Level: (low/med) LOW Date Received: 10/21/98

% Moisture: 5.01 decanted: (Y/N) N Date Extracted: 10/26/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/05/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.25	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.02

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA01197.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 6.43 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.02

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA01197.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 6.43 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	930	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-75

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.02

Sample wt/vol: 10.18 (g/ml) G Lab File ID: BNA01197.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 6.43 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	24.25	6400	JN
2. 007683-64-9	Squalene	26.73	6200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.04

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01216.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 7.69 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.04

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01216.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 7.69 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	580	JB
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	290	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	300	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-76

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.04

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01216.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 7.69 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	920	JN
2. 001454-84-8	1-Nonadecanol	24.25	2500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.06

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA01199.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 8.53 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.06

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA01199.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 8.53 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1600	B
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-77

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.06

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA01199.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 8.53 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	1900	JN
2. 074685-30-6	5-Eicosene, (E)-	24.25	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.08

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01200.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 13.6 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.08

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01200.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 13.6 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	350	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-78

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.08

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01200.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 13.6 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.24	3300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.10

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01201.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 11.95 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.10

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01201.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 11.95 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	370	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-79

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.10

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01201.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 11.95 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.24	3900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.12

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01202.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 14.72 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.12

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01202.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 14.72 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-80

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.12

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01202.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 14.72 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.78	1300	J
2. 074685-30-6	5-Eicosene, (E)-	24.24	4500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.14

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01203.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.49 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.14

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01203.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.49 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	570	JB
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	310	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-81

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.14

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01203.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.49 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	910	JN
2. 074685-33-9	3-Eicosene, (E)-	24.24	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.16

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA01204.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.16 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.16

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA01204.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.16 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	630	JB
206-44-0	Fluoranthene	180	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	180	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-82

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.16

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA01204.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.16 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.78	990	J
2. 001454-84-8	1-Nonadecanol	24.24	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.18

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BNA01205.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.79 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.18

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BNA01205.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.79 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	630	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-83

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.18

Sample wt/vol: 10.76 (g/ml) G Lab File ID: BNA01205.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.79 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	970	JN
2. 001599-67-3	1-Docosene	24.25	4100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01206.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.25 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01206.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.25 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	290	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	680	JB
206-44-0	Fluoranthene	680	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	650	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	490	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	840	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	540	J
207-08-9	Benzo[k]fluoranthene	560	J
50-32-8	Benzo[a]pyrene	580	J
193-39-5	Indeno[1,2,3-cd]pyrene	310	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	320	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-84

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.20

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01206.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.25 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.78	1200	J
2. 074685-30-6	5-Eicosene, (E)-	24.25	5000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.22

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA01207.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 7.72 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.22

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA01207.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 7.72 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-85

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.22

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA01207.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 7.72 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.24	4500	JN
2. 001599-67-3	1-Docosene	25.76	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.24

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA01208.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.07 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	170	J
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.24

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA01208.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.07 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	540	J
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	230	J
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	7300	
120-12-7	Anthracene	1400	
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	28000	E
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	22000	E
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	19000	E
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	32000	E
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	40000	E
207-08-9	Benzo[k]fluoranthene	9100	
50-32-8	Benzo[a]pyrene	26000	E
193-39-5	Indeno[1,2,3-cd]pyrene	9900	
53-70-3	Dibenz[a,h]anthracene	8600	
191-24-2	Benzo[g,h,i]perylene	7800	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-86

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.24

Sample wt/vol: 10.68 (g/ml) G Lab File ID: BNA01208.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.07 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 9

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000086-74-8	Carbazole	18.53	1500	JN
2. 000832-69-9	Phenanthrene, 1-methyl-	19.16	1200	JN
3. 000203-64-5	4H-Cyclopenta[def]phenanthrene	19.33	1600	JN
4. 000243-17-4	11H-Benzo[b]fluorene	22.27	1100	JN
5. 025732-74-5	3,4-Dihydrocyclopenta(cd)pyrene	23.63	1000	JN
6. 000243-51-6	11H-Indeno(1,2-B)quinoline	24.64	1100	JN
7.	unknown	26.77	4700	J
8. 002888-60-0	2,3-Dihydro-7-methyl-5-phenyl-1	27.66	1100	JN
9. 000000-00-0	1,2:7,8-Dibenzphenanthrene	29.49	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-87

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.26

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA01209.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 10.32 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	190	J
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

19

001382

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-87

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.26

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA01209.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 10.32 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1900	
120-12-7	Anthracene	380	J
84-74-2	Di-n-butylphthalate	270	JB
206-44-0	Fluoranthene	5800	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	4900	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	3600	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	6900	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	5300	
207-08-9	Benzo[k]fluoranthene	3200	
50-32-8	Benzo[a]pyrene	4900	
193-39-5	Indeno[1,2,3-cd]pyrene	2000	
53-70-3	Dibenz[a,h]anthracene	630	J
191-24-2	Benzo[g,h,i]perylene	1900	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-87

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.26

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA01209.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 10.32 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.27	2300	JN
2. 003386-33-2	Octadecane, 1-chloro-	28.50	2600	JN
3. 006079-19-2	Cholestane, 4,5-epoxy-, (4.alpha.,	28.78	3600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-88

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.28

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BNA01210.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 6.24 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-88

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.28

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BNA01210.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 6.24 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	610	J
120-12-7	Anthracene	130	J
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	1800	
92-87-5	Benzidine	990	U
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	1300	
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	2300	
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	1700	
207-08-9	Benzo[k]fluoranthene	1400	
50-32-8	Benzo[a]pyrene	1800	
193-39-5	Indeno[1,2,3-cd]pyrene	850	J
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	820	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-88

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.28

Sample wt/vol: 10.74 (g/ml) G Lab File ID: BNA01210.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 6.24 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/06/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-33-9	3-Eicosene, (E)-	24.25	3000	JN
2.	unknown	26.99	1300	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-89

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.30

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA01217.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.27 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-89

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.30

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA01217.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.27 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	350	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	1200	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	880	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1100	
207-08-9	Benzo[k]fluoranthene	1100	
50-32-8	Benzo[a]pyrene	1200	
193-39-5	Indeno[1,2,3-cd]pyrene	750	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	820	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-89

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4007 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4007.30

Sample wt/vol: 10.78 (g/ml) G Lab File ID: BNA01217.D

Level: (low/med) LOW Date Received: 10/26/98

% Moisture: 9.27 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.25	4500	JN
2.	unknown	26.99	870	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-90

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.02

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01220.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 8.11 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-90

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.02

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01220.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 8.11 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	290	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	360	JB
206-44-0	Fluoranthene	1100	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	820	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1500	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1000	J
207-08-9	Benzo[k]fluoranthene	850	J
50-32-8	Benzo[a]pyrene	1000	J
193-39-5	Indeno[1,2,3-cd]pyrene	640	J
53-70-3	Dibenz[a,h]anthracene	300	J
191-24-2	Benzo[g,h,i]perylene	680	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-90

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.02

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01220.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 8.11 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-33-9	3-Eicosene, (E)-	24.25	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-91

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.04

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA01221.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.6 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-91

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.04

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA01221.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.6 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	630	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	620	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	430	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	640	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	360	J
207-08-9	Benzo[k]fluoranthene	410	J
50-32-8	Benzo[a]pyrene	430	J
193-39-5	Indeno[1,2,3-cd]pyrene	240	J
53-70-3	Dibenz[a,h]anthracene	130	J
191-24-2	Benzo[g,h,i]perylene	240	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-91

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.04

Sample wt/vol: 10.45 (g/ml) G Lab File ID: BNA01221.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.6 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.25	4100	JN
2. 007098-22-8	Tetratetracontane	28.48	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-92

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01222.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 15.97 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-92

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01222.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 15.97 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	560	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	740	JB
206-44-0	Fluoranthene	2100	
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	990	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	500	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	2400	
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1900	
207-08-9	Benzo[k]fluoranthene	4400	
50-32-8	Benzo[a]pyrene	4300	
193-39-5	Indeno[1,2,3-cd]pyrene	710	J
53-70-3	Dibenz[a,h]anthracene	410	J
191-24-2	Benzo[g,h,i]perylene	660	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-92

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.06

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BNA01222.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 15.97 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	1200	JN
2. 001454-84-8	1-Nonadecanol	24.29	4700	JN
3. 069782-91-8	1,1'-Biphenyl, 2,3,3',4',5,5',6-hept	24.55	2600	JN
4. 003697-24-3	Chrysene, 5-methyl-	25.09	1400	JN
5. 027519-02-4	9-Tricosene, (Z)-	25.81	6500	JN
6. 054411-95-9	1H-Indene, 1-(1,5-dimethyl-2-hex	26.77	5500	JN
7. 000192-97-2	Benzo[e]pyrene	27.01	4700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-93

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.08

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA01223.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 17.27 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-93

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.08

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA01223.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 17.27 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	460	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-93

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.08

Sample wt/vol: 10.65 (g/ml) G Lab File ID: BNA01223.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 17.27 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 004329-12-8	m,p'-DDD	22.57	1000	JN
2. 000112-88-9	1-Octadecene	24.26	3400	JN
3. 001599-67-3	1-Docosene	25.79	4600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01224.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 12.12 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01224.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 12.12 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	180	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	410	JB
206-44-0	Fluoranthene	320	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	350	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	360	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	210	J
50-32-8	Benzo[a]pyrene	240	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-94

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.10

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01224.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 12.12 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	24.25	2800	JN

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-95

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.12

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA01225.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 10.17 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-95

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.12

Sample wt/vol: 10.2 (g/ml) G Lab File ID: BNA01225.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 10.17 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	24.25	3100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-96

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.14

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA01226.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.4 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-96

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.14

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA01226.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.4 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	730	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	7200	
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-96

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.14

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA01226.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.4 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	24.25	4400	JN
2.	unknown	18.78	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-97

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.16

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA01227.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 9.25 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-97

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.16

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA01227.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 9.25 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	870	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	500	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	340	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	850	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	580	J
207-08-9	Benzo[k]fluoranthene	600	J
50-32-8	Benzo[a]pyrene	290	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-97

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.16

Sample wt/vol: 10.41 (g/ml) G Lab File ID: BNA01227.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 9.25 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	1900	JN
2. 001454-84-8	1-Nonadecanol	24.25	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.18

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA01228.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.34 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.18

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA01228.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.34 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	840	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-98

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.18

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA01228.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.34 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.79	1500	JN
2. 001454-84-8	1-Nonadecanol	24.25	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-99

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.20

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BNA01229.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.83 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-99

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.20

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BNA01229.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.83 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	270	JB
206-44-0	Fluoranthene	230	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	310	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	220	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-99

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.20

Sample wt/vol: 9.97 (g/ml) G Lab File ID: BNA01229.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 13.83 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/9/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.25	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-100

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.22

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01230.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 14.44 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-100

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.22

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01230.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 14.44 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	350	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-100

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.22

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01230.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 14.44 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074685-30-6	5-Eicosene, (E)-	24.25	5800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-101

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.24

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA01231.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 9.04 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-101

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.24

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA01231.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 9.04 decanted:(Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	460	JB
206-44-0	Fluoranthene	380	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	400	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	280	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	520	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	330	J
50-32-8	Benzo[a]pyrene	290	J
193-39-5	Indeno[1,2,3-cd]pyrene	190	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-101

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.24

Sample wt/vol: 10.93 (g/ml) G Lab File ID: BNA01231.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 9.04 decanted: (Y/N) N Date Extracted: 10/27/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/10/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	950	JN
2. 001454-84-8	1-Nonadecanol	24.26	4200	JN
3. 006624-79-9	1-Dotriacontanol	25.78	2700	JN
4. 000000-00-0	1-Hexacosanal	26.78	2100	JN
5. 000124-25-4	Tetradecanal	28.13	1500	JN
6. 000630-06-8	Hexatriacontane	28.48	1800	JN
7. 001454-84-8	1-Nonadecanol	28.53	900	JN
8. 007390-81-0	Oxirane, hexadecyl-	29.42	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-102

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.26

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA01245.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 14.61 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-102

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.26

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA01245.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 14.61 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	540	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	520	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	440	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	790	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	510	J
207-08-9	Benzo[k]fluoranthene	500	J
50-32-8	Benzo[a]pyrene	560	J
193-39-5	Indeno[1,2,3-cd]pyrene	340	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	370	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-102

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.26

Sample wt/vol: 10.62 (g/ml) G Lab File ID: BNA01245.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 14.61 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	1200	JN
2. 000301-02-0	9-Octadecenamide, (Z)-	23.23	910	JN
3. 074685-30-6	5-Eicosene, (E)-	24.24	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-103

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.28

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BNA01246.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 16.18 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-103

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.28

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BNA01246.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 16.18 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	720	JB
206-44-0	Fluoranthene	240	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	250	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	330	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	200	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	220	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-103

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.28

Sample wt/vol: 10.81 (g/ml) G Lab File ID: BNA01246.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 16.18 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.77	1300	J
2. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1200	JN
3. 074685-30-6	5-Eicosene, (E)-	24.24	3700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-104

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.30

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA01247.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 11.5 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-104

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.30

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA01247.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 11.5 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	780	JB
206-44-0	Fluoranthene	200	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	190	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	160	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-104

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4009 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4009.30

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA01247.D

Level: (low/med) LOW Date Received: 10/27/98

% Moisture: 11.5 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.78	1300	J
2. 000301-02-0	9-Octadecenamide, (Z)-	23.22	880	JN
3. 001454-84-8	1-Nonadecanol	24.23	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-105

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.02

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA01251.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 8.02 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-105

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.02

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA01251.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 8.02 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	990	U
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	200	JB
206-44-0	Fluoranthene	990	U
92-87-5	Benzidine	990	U
129-00-0	Pyrene	990	U
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	990	U
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	990	U
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	990	U
207-08-9	Benzo[k]fluoranthene	990	U
50-32-8	Benzo[a]pyrene	990	U
193-39-5	Indeno[1,2,3-cd]pyrene	990	U
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	990	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-105

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.02

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA01251.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 8.02 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 054789-40-1	Heptanamide, 4-ethyl-5-methyl-	23.22	1000	JN
2. 001454-84-8	1-Nonadecanol	24.24	2800	JN
3. 001120-16-7	Dodecanamide	26.38	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-106

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.04

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BNA01252.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 12.6 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-106

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.04

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BNA01252.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 12.6 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	620	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-106

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.04

Sample wt/vol: 10.51 (g/ml) G Lab File ID: BNA01252.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 12.6 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.77	1100	J
2. 001120-16-7	Dodecanamide	23.23	1500	JN
3. 001454-84-8	1-Nonadecanol	24.24	3300	JN
4. 000301-02-0	9-Octadecenamide, (Z)-	26.39	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-107

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA01253.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 14.58 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-107

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA01253.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 14.58 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	520	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	360	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-107

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.06

Sample wt/vol: 10.91 (g/ml) G Lab File ID: BNA01253.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 14.58 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 11 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.48	1400	JN
2. 000057-11-4	Octadecanoic acid	21.55	1500	JN
3. 068873-21-2	Naphtho[2,1-b:7,8-b']difuran, 1,2,	22.22	980	JN
4. 000480-22-8	Anthralin	22.85	4100	JN
5. 001740-19-8	1-Phenanthrenecarboxylic acid, 1	23.16	2100	JN
6. 000301-02-0	9-Octadecenamide, (Z)-	23.26	1200	JN
7. 001454-84-8	1-Nonadecanol	24.25	3300	JN
8. 000629-94-7	Heneicosane	25.05	1200	JN
9. 000629-62-9	Pentadecane	25.78	3100	JN
10. 001120-16-7	Dodecanamide	26.40	2700	JN
11. 055045-08-4	Dodecane, 2-methyl-6-propyl-	26.49	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-108

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.08

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01254.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 8.83 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-108

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.08

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01254.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 8.83 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	390	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-108

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.08

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01254.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 8.83 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.24	2700	JN
2. 000301-02-0	9-Octadecenamide, (Z)-	26.39	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-109

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.10

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01257.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 6.66 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	500	J
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-109

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.10

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01257.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 6.66 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	440	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-109

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.10

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01257.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 6.66 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001120-16-7	Dodecanamide	23.23	1300	JN
2. 000112-88-9	1-Octadecene	24.24	5300	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.39	2200	JN

FORT MONMOUTH ENVIRONMENTAL TESTING LABORATORY

DIRECTORATE OF PUBLIC WORKS
PHONE: (732)532-6224 FAX: (732)532-6263
WET-CHEM - METALS - ORGANICS - FIELD SAMPLING
NJDEP LABORATORY CERTIFICATION # 13461

ANALYTICAL DATA REPORT
Fort Monmouth Environmental Laboratory
ENVIRONMENTAL DIVISION
Fort Monmouth, New Jersey
PROJECT: #IJN 98-0211

M-3 Landfill
Volume III

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1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-110

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.12

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BNA01258.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 10.62 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-110

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.12

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BNA01258.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 10.62 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1400	
120-12-7	Anthracene	300	J
84-74-2	Di-n-butylphthalate	690	JB
206-44-0	Fluoranthene	5000	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	5100	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	3700	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	7500	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	6700	
207-08-9	Benzo[k]fluoranthene	3900	
50-32-8	Benzo[a]pyrene	6100	
193-39-5	Indeno[1,2,3-cd]pyrene	2700	
53-70-3	Dibenz[a,h]anthracene	1200	
191-24-2	Benzo[g,h,i]perylene	2700	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-110

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.12

Sample wt/vol: 10.73 (g/ml) G Lab File ID: BNA01258.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 10.62 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 10

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	1300	JN
2. 000238-84-6	11H-Benzo[a]fluorene	22.07	1100	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	23.24	1600	JN
4. 001454-84-8	1-Nonadecanol	24.24	3300	JN
5. 001606-67-3	1-Aminopyrene	24.58	860	JN
6. 003351-28-8	Chrysene, 1-methyl-	25.05	840	JN
7. 000629-54-9	Hexadecanamide	26.41	2000	JN
8.	unknown	26.67	1000	J
9.	unknown	27.01	4300	J
10. 000191-26-4	Dibenzo[def,mno]chrysene	29.01	990	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-111

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01259.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 13.26 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-111

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01259.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 13.26 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-111

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.14

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BNA01259.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 13.26 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001120-16-7	Dodecanamide	23.23	1100	JN
2. 001454-84-8	1-Nonadecanol	24.25	5500	JN
3. 054789-40-1	Heptanamide, 4-ethyl-5-methyl-	26.39	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-112

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.16

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA01260.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 11.98 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-112

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.16

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA01260.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 11.98 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	520	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	230	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-112

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.16

Sample wt/vol: 10.32 (g/ml) G Lab File ID: BNA01260.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 11.98 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	960	JN
2. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1000	JN
3. 001454-84-8	1-Nonadecanol	24.25	4400	JN
4. 000295-65-8	Cyclohexadecane	25.77	1000	JN
5. 000301-02-0	9-Octadecenamide, (Z)-	26.39	1500	JN
6. 077899-10-6	(Z)14-Tricosenyl formate	26.76	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-113

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.18

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01261.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 3 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-113

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.18

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01261.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 3 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	140	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-113

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.18

Sample wt/vol: 10.17 (g/ml) G Lab File ID: BNA01261.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 3 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/11/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 054789-40-1	Heptanamide, 4-ethyl-5-methyl-	23.23	830	JN
2. 000112-88-9	1-Octadecene	24.24	3000	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.39	1500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-114

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.20

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01274.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 12.97 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-114

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.20

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01274.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 12.97 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	860	J
120-12-7	Anthracene	120	J
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	2200	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2300	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	2100	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	4100	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	3600	
207-08-9	Benzo[k]fluoranthene	2200	
50-32-8	Benzo[a]pyrene	3300	
193-39-5	Indeno[1,2,3-cd]pyrene	1900	
53-70-3	Dibenz[a,h]anthracene	950	J
191-24-2	Benzo[g,h,i]perylene	2000	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-114

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.20

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01274.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 12.97 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	2100	JN
2. 001120-07-6	Nonanamide	23.23	1500	JN
3. 001454-84-8	1-Nonadecanol	24.24	3400	JN
4. 000124-26-5	Octadecanamide	26.40	2400	JN
5.	unknown	26.66	890	J
6.	unknown	27.00	4100	J
7. 056009-20-2	Cyclohexane, 1-(1,5-dimethylhex	28.51	1100	JN
8.	unknown	29.40	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-115

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.22

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA01275.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 6.08 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	980	U
62-75-9	N-nitroso-dimethylamine	980	U
62-53-3	Aniline	980	U
108-95-2	Phenol	980	U
111-44-4	bis(2-Chloroethyl)ether	980	U
95-57-8	2-Chlorophenol	980	U
541-73-1	1,3-Dichlorobenzene	980	U
106-46-7	1,4-Dichlorobenzene	980	U
100-51-6	Benzyl alcohol	980	U
95-50-1	1,2-Dichlorobenzene	980	U
	2-Methylphenol	980	U
108-60-1	bis(2-chloroisopropyl)ether	980	U
	4-Methylphenol	980	U
621-64-7	n-Nitroso-di-n-propylamine	980	U
67-72-1	Hexachloroethane	980	U
98-95-3	Nitrobenzene	980	U
78-59-1	Isophorone	980	U
88-75-5	2-Nitrophenol	980	U
105-67-9	2,4-Dimethylphenol	980	U
111-91-1	bis(2-Chloroethoxy)methane	980	U
120-83-2	2,4-Dichlorophenol	980	U
65-85-0	Benzoic Acid	980	U
120-82-1	1,2,4-Trichlorobenzene	980	U
91-20-3	Naphthalene	980	U
106-47-8	4-Chloroaniline	980	U
87-68-3	Hexachlorobutadiene	980	U
59-50-7	4-Chloro-3-methylphenol	980	U
91-57-6	2-Methylnaphthalene	980	U
77-47-4	Hexachlorocyclopentadiene	980	U
88-06-2	2,4,6-Trichlorophenol	980	U
	2,4,5-Trichlorophenol	980	U
91-58-7	2-Chloronaphthalene	980	U
88-74-4	2-Nitroaniline	980	U
131-11-3	Dimethylphthalate	980	U
208-96-8	Acenaphthylene	980	U
606-20-2	2,6-Dinitrotoluene	980	U
99-09-2	3-Nitroaniline	980	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-115

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.22

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA01275.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 6.08 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	980	U
51-28-5	2,4-Dinitrophenol	980	U
132-64-9	Dibenzofuran	980	U
100-02-7	4-Nitrophenol	980	U
121-14-2	2,4-Dinitrotoluene	980	U
84-66-2	Diethylphthalate	980	U
86-73-7	Fluorene	980	U
7005-72-3	4-Chlorophenyl-phenylether	980	U
100-01-6	4-Nitroaniline	980	U
534-52-1	4,6-Dinitro-2-methylphenol	980	U
86-30-6	n-Nitrosodiphenylamine	980	U
103-33-3	Azobenzene	980	U
101-55-3	4-Bromophenyl-phenylether	980	U
118-74-1	Hexachlorobenzene	980	U
87-86-5	Pentachlorophenol	980	U
85-01-8	Phenanthrene	980	U
120-12-7	Anthracene	980	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	980	U
92-87-5	Benzidine	980	U
129-00-0	Pyrene	980	U
85-68-7	Butylbenzylphthalate	980	U
56-55-3	Benzo[a]anthracene	980	U
91-94-1	3,3'-Dichlorobenzidine	980	U
218-01-9	Chrysene	980	U
117-81-7	bis(2-Ethylhexyl)phthalate	980	U
117-84-0	Di-n-octylphthalate	980	U
205-99-2	Benzo[b]fluoranthene	980	U
207-08-9	Benzo[k]fluoranthene	980	U
50-32-8	Benzo[a]pyrene	980	U
193-39-5	Indeno[1,2,3-cd]pyrene	980	U
53-70-3	Dibenz[a,h]anthracene	980	U
191-24-2	Benzo[g,h,i]perylene	980	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-115

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.22

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA01275.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 6.08 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	880	JN
2. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1200	JN
3. 000112-88-9	1-Octadecene	24.24	4600	JN
4. 000301-02-0	9-Octadecenamide, (Z)-	26.39	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-116

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.24

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA01276.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 5.06 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-116

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.24

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA01276.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 5.06 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	440	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	180	JB
206-44-0	Fluoranthene	1800	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1900	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1300	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	3000	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	2400	
207-08-9	Benzo[k]fluoranthene	1700	
50-32-8	Benzo[a]pyrene	2100	
193-39-5	Indeno[1,2,3-cd]pyrene	1200	
53-70-3	Dibenz[a,h]anthracene	500	J
191-24-2	Benzo[g,h,i]perylene	1200	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-116

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.24

Sample wt/vol: 10.42 (g/ml) G Lab File ID: BNA01276.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 5.06 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1900	JN
2. 001599-67-3	1-Docosene	24.24	5000	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.40	1500	JN
4. 000192-97-2	Benzo[e]pyrene	26.99	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-117

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.26

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01277.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 4.75 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-117

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.26

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01277.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 4.75 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	190	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	200	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	210	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-117

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.26

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01277.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 4.75 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001022-22-6	DDMU	21.11	1400	JN
2. 033374-28-6	1,2-Benzenedicarboxylic acid, 2-b	22.86	850	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1200	JN
4. 074685-33-9	3-Eicosene, (E)-	24.25	5400	JN
5. 000629-54-9	Hexadecanamide	26.39	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-118

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.28

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01278.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 2.57 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-118

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.28

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01278.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 2.57 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	490	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-118

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.28

Sample wt/vol: 10.22 (g/ml) G Lab File ID: BNA01278.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 2.57 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	880	JN
2. 010544-50-0	Sulfur, mol. (S8)	20.47	1500	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1100	JN
4. 001454-84-8	1-Nonadecanol	24.24	4500	JN
5. 000301-02-0	9-Octadecenamide, (Z)-	26.39	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-119

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.30

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01279.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 9.46 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-119

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.30

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01279.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 9.46 decanted:(Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	450	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	450	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	310	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	550	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	350	J
207-08-9	Benzo[k]fluoranthene	320	J
50-32-8	Benzo[a]pyrene	340	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-119

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4024 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4024.30

Sample wt/vol: 10.31 (g/ml) G Lab File ID: BNA01279.D

Level: (low/med) LOW Date Received: 11/02/98

% Moisture: 9.46 decanted: (Y/N) N Date Extracted: 11/03/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	1200	JN
2. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1700	JN
3. 001454-84-8	1-Nonadecanol	24.24	3300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-120

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.02

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA01284.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.2 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	250	J
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-120

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.02

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA01284.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.2 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	3200	
120-12-7	Anthracene	610	J
84-74-2	Di-n-butylphthalate	510	JB
206-44-0	Fluoranthene	6000	
92-87-5	Benzidine	990	U
129-00-0	Pyrene	5000	
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	2300	
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	3600	
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	2100	
207-08-9	Benzo[k]fluoranthene	1900	
50-32-8	Benzo[a]pyrene	2000	
193-39-5	Indeno[1,2,3-cd]pyrene	730	J
53-70-3	Dibenz[a,h]anthracene	360	J
191-24-2	Benzo[g,h,i]perylene	620	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-120

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.02

Sample wt/vol: 10.95 (g/ml) G Lab File ID: BNA01284.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.2 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 10

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.78	920	J
2. 002146-97-6	1,1,3,3-Tetrachloro-1,3-disilacyclo	23.58	920	JN
3. 000082-05-3	7H-Benz[de]anthracen-7-one	23.76	980	JN
4. 001454-84-8	1-Nonadecanol	24.25	5800	JN
5. 000295-65-8	Cyclohexadecane	25.77	8900	JN
6. 000124-26-5	Octadecanamide	26.40	3600	JN
7.	unknown	27.00	13000	J
8. 000629-92-5	Nonadecane	27.17	4000	JN
9. 036653-82-4	1-Hexadecanol	28.52	6600	JN
10.	unknown	29.40	3600	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-121

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.04

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA01285.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 7.05 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-121

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.04

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA01285.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 7.05 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	360	J
120-12-7	Anthracene	290	J
84-74-2	Di-n-butylphthalate	810	JB
206-44-0	Fluoranthene	2100	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	2800	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1700	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	3500	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	3000	
207-08-9	Benzo[k]fluoranthene	2300	
50-32-8	Benzo[a]pyrene	2200	
193-39-5	Indeno[1,2,3-cd]pyrene	950	J
53-70-3	Dibenz[a,h]anthracene	420	J
191-24-2	Benzo[g,h,i]perylene	880	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-121

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.04

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA01285.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 7.05 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 17 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	13.09	850	JN
2.	unknown	18.78	1300	J
3. 000301-02-0	9-Octadecenamide, (Z)-	23.23	1000	JN
4.	unknown	23.59	930	J
5. 074685-30-6	5-Eicosene, (E)-	24.25	6100	JN
6. 002136-70-1	Ethanol, 2-(tetradecyloxy)-	25.77	1800	JN
7. 000629-54-9	Hexadecanamide	26.40	1600	JN
8.	unknown	26.66	990	J
9. 056554-89-3	14-Octadecenal	26.76	1100	JN
10.	unknown	26.94	3400	J
11. 000192-97-2	Benzo[e]pyrene	27.00	3800	JN
12. 002051-98-1	Acenaphthylene, 5-bromo-1,2-dih	27.39	1300	JN
13. 000112-95-8	Eicosane	28.47	2000	JN
14. 000629-96-9	1-Eicosanol	28.51	1700	JN
15. 000193-39-5	Indeno[1,2,3-cd]pyrene	29.01	930	JN
16. 000629-92-5	Nonadecane	29.73	2100	JN
17. 000191-26-4	Dibenzo[def,mno]chrysene	29.83	850	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-122

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.06

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA01286.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 7.95 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-122

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.06

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA01286.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 7.95 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1200	
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	190	JB
206-44-0	Fluoranthene	830	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	550	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1000	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	230	J
207-08-9	Benzo[k]fluoranthene	340	J
50-32-8	Benzo[a]pyrene	340	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-122

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.06

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BNA01286.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 7.95 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.24	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-123

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.08

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA01287.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.01 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-123

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.08

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA01287.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.01 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	170	JB
206-44-0	Fluoranthene	290	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	360	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	520	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	770	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	410	J
207-08-9	Benzo[k]fluoranthene	580	J
50-32-8	Benzo[a]pyrene	490	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-123

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.08

Sample wt/vol: 9.98 (g/ml) G Lab File ID: BNA01287.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.01 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.24	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-124

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.10

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01288.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.98 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-124

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.10

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01288.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.98 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	220	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	30000	EB
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-124

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.10

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01288.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.98 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000301-02-0	9-Octadecenamide, (Z)-	23.23	920	JN
2. 074685-30-6	5-Eicosene, (E)-	24.24	4800	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.39	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-124

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.10

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01308.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.98 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	10000	U
62-75-9	N-nitroso-dimethylamine	10000	U
62-53-3	Aniline	10000	U
108-95-2	Phenol	10000	U
111-44-4	bis(2-Chloroethyl)ether	10000	U
95-57-8	2-Chlorophenol	10000	U
541-73-1	1,3-Dichlorobenzene	10000	U
106-46-7	1,4-Dichlorobenzene	10000	U
100-51-6	Benzyl alcohol	10000	U
95-50-1	1,2-Dichlorobenzene	10000	U
	2-Methylphenol	10000	U
108-60-1	bis(2-chloroisopropyl)ether	10000	U
	4-Methylphenol	10000	U
621-64-7	n-Nitroso-di-n-propylamine	10000	U
67-72-1	Hexachloroethane	10000	U
98-95-3	Nitrobenzene	10000	U
78-59-1	Isophorone	10000	U
88-75-5	2-Nitrophenol	10000	U
105-67-9	2,4-Dimethylphenol	10000	U
111-91-1	bis(2-Chloroethoxy)methane	10000	U
120-83-2	2,4-Dichlorophenol	10000	U
65-85-0	Benzoic Acid	10000	U
120-82-1	1,2,4-Trichlorobenzene	10000	U
91-20-3	Naphthalene	10000	U
106-47-8	4-Chloroaniline	10000	U
87-68-3	Hexachlorobutadiene	10000	U
59-50-7	4-Chloro-3-methylphenol	10000	U
91-57-6	2-Methylnaphthalene	10000	U
77-47-4	Hexachlorocyclopentadiene	10000	U
88-06-2	2,4,6-Trichlorophenol	10000	U
	2,4,5-Trichlorophenol	10000	U
91-58-7	2-Chloronaphthalene	10000	U
88-74-4	2-Nitroaniline	10000	U
131-11-3	Dimethylphthalate	10000	U
208-96-8	Acenaphthylene	10000	U
606-20-2	2,6-Dinitrotoluene	10000	U
99-09-2	3-Nitroaniline	10000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-124

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.10

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01308.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.98 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	10000	U
51-28-5	2,4-Dinitrophenol	10000	U
132-64-9	Dibenzofuran	10000	U
100-02-7	4-Nitrophenol	10000	U
121-14-2	2,4-Dinitrotoluene	10000	U
84-66-2	Diethylphthalate	10000	U
86-73-7	Fluorene	10000	U
7005-72-3	4-Chlorophenyl-phenylether	10000	U
100-01-6	4-Nitroaniline	10000	U
534-52-1	4,6-Dinitro-2-methylphenol	10000	U
86-30-6	n-Nitrosodiphenylamine	10000	U
103-33-3	Azobenzene	10000	U
101-55-3	4-Bromophenyl-phenylether	10000	U
118-74-1	Hexachlorobenzene	10000	U
87-86-5	Pentachlorophenol	10000	U
85-01-8	Phenanthrene	10000	U
120-12-7	Anthracene	10000	U
84-74-2	Di-n-butylphthalate	10000	U
206-44-0	Fluoranthene	10000	U
92-87-5	Benzidine	10000	U
129-00-0	Pyrene	10000	U
85-68-7	Butylbenzylphthalate	10000	U
56-55-3	Benzo[a]anthracene	10000	U
91-94-1	3,3'-Dichlorobenzidine	10000	U
218-01-9	Chrysene	10000	U
117-81-7	bis(2-Ethylhexyl)phthalate	22000	B
117-84-0	Di-n-octylphthalate	10000	U
205-99-2	Benzo[b]fluoranthene	10000	U
207-08-9	Benzo[k]fluoranthene	10000	U
50-32-8	Benzo[a]pyrene	10000	U
193-39-5	Indeno[1,2,3-cd]pyrene	10000	U
53-70-3	Dibenz[a,h]anthracene	10000	U
191-24-2	Benzo[g,h,i]perylene	10000	U

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-125

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.12

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA01309.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.43 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-125

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.12

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA01309.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.43 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	500	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-125

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.12

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA01309.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.43 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	1100	JN
2. 001454-84-8	1-Nonadecanol	24.23	4100	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.75	940	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-126

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.14

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA01310.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 3.92 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	950	U
62-75-9	N-nitroso-dimethylamine	950	U
62-53-3	Aniline	950	U
108-95-2	Phenol	950	U
111-44-4	bis(2-Chloroethyl)ether	950	U
95-57-8	2-Chlorophenol	950	U
541-73-1	1,3-Dichlorobenzene	950	U
106-46-7	1,4-Dichlorobenzene	950	U
100-51-6	Benzyl alcohol	950	U
95-50-1	1,2-Dichlorobenzene	950	U
	2-Methylphenol	950	U
108-60-1	bis(2-chloroisopropyl)ether	950	U
	4-Methylphenol	950	U
621-64-7	n-Nitroso-di-n-propylamine	950	U
67-72-1	Hexachloroethane	950	U
98-95-3	Nitrobenzene	950	U
78-59-1	Isophorone	950	U
88-75-5	2-Nitrophenol	950	U
105-67-9	2,4-Dimethylphenol	950	U
111-91-1	bis(2-Chloroethoxy)methane	950	U
120-83-2	2,4-Dichlorophenol	950	U
65-85-0	Benzoic Acid	950	U
120-82-1	1,2,4-Trichlorobenzene	950	U
91-20-3	Naphthalene	950	U
106-47-8	4-Chloroaniline	950	U
87-68-3	Hexachlorobutadiene	950	U
59-50-7	4-Chloro-3-methylphenol	950	U
91-57-6	2-Methylnaphthalene	950	U
77-47-4	Hexachlorocyclopentadiene	950	U
88-06-2	2,4,6-Trichlorophenol	950	U
	2,4,5-Trichlorophenol	950	U
91-58-7	2-Chloronaphthalene	950	U
88-74-4	2-Nitroaniline	950	U
131-11-3	Dimethylphthalate	950	U
208-96-8	Acenaphthylene	950	U
606-20-2	2,6-Dinitrotoluene	950	U
99-09-2	3-Nitroaniline	950	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-126

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.14

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA01310.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 3.92 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	950	U
51-28-5	2,4-Dinitrophenol	950	U
132-64-9	Dibenzofuran	950	U
100-02-7	4-Nitrophenol	950	U
121-14-2	2,4-Dinitrotoluene	950	U
84-66-2	Diethylphthalate	950	U
86-73-7	Fluorene	950	U
7005-72-3	4-Chlorophenyl-phenylether	950	U
100-01-6	4-Nitroaniline	950	U
534-52-1	4,6-Dinitro-2-methylphenol	950	U
86-30-6	n-Nitrosodiphenylamine	950	U
103-33-3	Azobenzene	950	U
101-55-3	4-Bromophenyl-phenylether	950	U
118-74-1	Hexachlorobenzene	950	U
87-86-5	Pentachlorophenol	950	U
85-01-8	Phenanthrene	280	J
120-12-7	Anthracene	950	U
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	530	J
92-87-5	Benzidine	950	U
129-00-0	Pyrene	500	J
85-68-7	Butylbenzylphthalate	950	U
56-55-3	Benzo[a]anthracene	240	J
91-94-1	3,3'-Dichlorobenzidine	950	U
218-01-9	Chrysene	500	J
117-81-7	bis(2-Ethylhexyl)phthalate	260	JB
117-84-0	Di-n-octylphthalate	950	U
205-99-2	Benzo[b]fluoranthene	260	J
207-08-9	Benzo[k]fluoranthene	270	J
50-32-8	Benzo[a]pyrene	230	J
193-39-5	Indeno[1,2,3-cd]pyrene	950	U
53-70-3	Dibenz[a,h]anthracene	950	U
191-24-2	Benzo[g,h,i]perylene	950	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-126

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.14

Sample wt/vol: 10.96 (g/ml) G Lab File ID: BNA01310.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 3.92 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 010544-50-0	Sulfur, mol. (S8)	20.47	1800	JN
2. 001599-67-3	1-Docosene	24.24	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-127

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.16

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA01311.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 6.13 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-127

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.16

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA01311.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 6.13 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	150	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-127

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.16

Sample wt/vol: 9.93 (g/ml) G Lab File ID: BNA01311.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 6.13 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000544-76-3	Hexadecane	15.82	910	JN
2. 000629-78-7	Heptadecane	16.95	930	JN
3. 000504-44-9	Hexadecane, 2,6,11,15-tetrameth	17.01	1000	JN
4. 001599-67-3	1-Docosene	24.23	1000	JN
5. 000301-02-0	9-Octadecenamide, (Z)-	26.39	4300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-128

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.18

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01312.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.42 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-128

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.18

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01312.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.42 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	340	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	930	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	880	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	380	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	
117-81-7	bis(2-Ethylhexyl)phthalate	770	JB
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	670	J
207-08-9	Benzo[k]fluoranthene	550	J
50-32-8	Benzo[a]pyrene	440	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-128

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.18

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01312.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 8.42 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	1300	JN
2. 001454-84-8	1-Nonadecanol	24.23	3500	JN
3. 000112-95-8	Eicosane	25.76	1900	JN
4. 000000-00-0	1-Hexacosanal	26.75	1100	JN
5. 000630-06-8	Hexatriacontane	27.16	3700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-129

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.20

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01313.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 9.62 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-129

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.20

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01313.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 9.62 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	990	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-129

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.20

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01313.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 9.62 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-74-2	Dibutyl phthalate	18.77	1800	JN
2. 001599-67-3	1-Docosene	24.23	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-130

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.22

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01314.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 12.25 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-130

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.22

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01314.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 12.25 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-130

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.22

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01314.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 12.25 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.77	1300	J
2. 019047-85-9	Phosphonic acid, dioctadecyl este	24.23	4500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-131

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.24

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01315.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-131

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.24

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01315.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	380	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-131

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.24

Sample wt/vol: 10.57 (g/ml) G Lab File ID: BNA01315.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 11.2 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.23	3600	JN
2. 001599-67-3	1-Docosene	25.76	2500	JN
3. 000000-00-0	1-Hexacosanal	26.75	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-132

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.26

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01316.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-132

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.26

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01316.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	310	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	770	JB
206-44-0	Fluoranthene	650	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	670	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	230	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	560	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	300	J
207-08-9	Benzo[k]fluoranthene	300	J
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-132

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.26

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01316.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 11.2 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	1400	JN
2. 074685-30-6	5-Eicosene, (E)-	24.24	8000	JN
3. 006971-40-0	17-Pentatriacontene	25.76	6300	JN
4. 056554-87-1	16-Octadecenal	26.75	2400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-133

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.28

Sample wt/vol: 10.92 (g/ml) G Lab File ID: BNA01317.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 9.05 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-133

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.28

Sample wt/vol: 10.92 (g/ml) G Lab File ID: BNA01317.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 9.05 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-133

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.28

Sample wt/vol: 10.92 (g/ml) G Lab File ID: BNA01317.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 9.05 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.78	2000	JN
2. 074685-30-6	5-Eicosene, (E)-	24.23	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-134

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.30

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01318.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 13.16 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-134

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.30

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01318.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 13.16 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	750	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-134

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4027 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4027.30

Sample wt/vol: 10.84 (g/ml) G Lab File ID: BNA01318.D

Level: (low/med) LOW Date Received: 11/03/98

% Moisture: 13.16 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/19/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.77	1300	JN
2. 000053-19-0	Mitotane	21.93	970	JN
3. 000072-54-8	1,1-Dichloro-2,2-bis(p-chlorophen	22.56	4300	JN
4. 000789-02-6	o,p'-DDT	22.60	1100	JN
5. 000789-02-6	o,p'-DDT	23.22	3000	JN
6. 001454-84-8	1-Nonadecanol	24.23	2800	JN
7. 000630-06-8	Hexatriacontane	25.76	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-135

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.02

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA01373.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 14.66 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-135

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.02

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA01373.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 14.66 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-135

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.02

Sample wt/vol: 10.46 (g/ml) G Lab File ID: BNA01373.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 14.66 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	2000	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	24.06	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-136

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.04

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA01374.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.93 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-136

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.04

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA01374.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.93 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	200	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-136

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.04

Sample wt/vol: 10.88 (g/ml) G Lab File ID: BNA01374.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.93 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.06	2700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-137

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.06

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA01375.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 16.82 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-137

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.06

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA01375.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 16.82 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	570	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	500	J
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	640	J
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	7800	
120-12-7	Anthracene	1700	
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	7400	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	6300	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	2900	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	4100	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	2400	
207-08-9	Benzo[k]fluoranthene	2100	
50-32-8	Benzo[a]pyrene	2500	
193-39-5	Indeno[1,2,3-cd]pyrene	950	J
53-70-3	Dibenz[a,h]anthracene	500	J
191-24-2	Benzo[g,h,i]perylene	850	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-137

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.06

Sample wt/vol: 10.48 (g/ml) G Lab File ID: BNA01375.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 16.82 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	21.36	950	JN
2. 003442-78-2	Pyrene, 2-methyl-	21.89	950	JN
3. 000082-05-3	7H-Benz[de]anthracen-7-one	23.08	1300	JN
4. 000082-05-3	7H-Benz[de]anthracen-7-one	23.58	1400	JN
5. 074685-30-6	5-Eicosene, (E)-	24.07	5600	JN
6. 001705-84-6	Triphenylene, 2-methyl-	24.87	1300	JN
7. 000638-66-4	Octadecanal	25.14	1200	JN
8. 000295-65-8	Cyclohexadecane	25.60	1100	JN
9. 000192-97-2	Benzo[e]pyrene	26.81	1400	JN
10. 000127-22-0	Taraxerol	30.01	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-138

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.08

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01376.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 5.96 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-138

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.08

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01376.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 5.96 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	990	U
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	990	U
120-12-7	Anthracene	990	U
84-74-2	Di-n-butylphthalate	580	JB
206-44-0	Fluoranthene	210	J
92-87-5	Benzidine	990	U
129-00-0	Pyrene	990	U
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	990	U
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	990	U
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	990	U
207-08-9	Benzo[k]fluoranthene	990	U
50-32-8	Benzo[a]pyrene	990	U
193-39-5	Indeno[1,2,3-cd]pyrene	990	U
53-70-3	Dibenz[a,h]anthracene	990	U
191-24-2	Benzo[g,h,i]perylene	990	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-138

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.08

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01376.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 5.96 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	1000	JN
2. 001454-84-8	1-Nonadecanol	24.07	2900	JN
3. 000295-17-0	Cyclotetradecane	25.59	2800	JN
4. 000000-00-0	1-Hexacosanal	26.58	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-139

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.10

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01377.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 8.5 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-139

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.10

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01377.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 8.5 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	310	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-139

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.10

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01377.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 8.5 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 013475-78-0	Heptane, 5-ethyl-2-methyl-	7.63	4100	JN
2. 001599-67-3	1-Docosene	24.06	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-140

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.12

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BNA01378.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.92 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-140

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.12

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BNA01378.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.92 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	270	J
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	310	J
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	4100	
120-12-7	Anthracene	990	J
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	5400	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	5300	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1800	
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	2600	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1500	
207-08-9	Benzo[k]fluoranthene	1400	
50-32-8	Benzo[a]pyrene	1600	
193-39-5	Indeno[1,2,3-cd]pyrene	720	J
53-70-3	Dibenz[a,h]anthracene	260	J
191-24-2	Benzo[g,h,i]perylene	710	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-140

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.12

Sample wt/vol: 10.9 (g/ml) G Lab File ID: BNA01378.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.92 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.06	1500	JN
2.	unknown	26.79	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-141

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.14

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BNA01379.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 6.48 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-141

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.14

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BNA01379.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 6.48 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	200	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-141

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.14

Sample wt/vol: 9.96 (g/ml) G Lab File ID: BNA01379.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 6.48 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002847-72-5	Decane, 4-methyl-	7.63	4300	JN
2. 007320-37-8	Oxirane, tetradecyl-	8.14	950	JN
3. 001599-67-3	1-Docosene	24.06	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-142

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.16

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA01380.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.31 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-142

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.16

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA01380.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.31 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	510	JB
206-44-0	Fluoranthene	170	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	320	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-142

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.16

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA01380.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 9.31 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002847-72-5	Decane, 4-methyl-	7.64	4200	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	1000	JN
3. 010544-50-0	Sulfur, mol. (S8)	20.29	2000	JN
4. 001454-84-8	1-Nonadecanol	24.06	3200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-143

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.18

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA01381.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 6.33 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-143

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.18

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA01381.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 6.33 decanted:(Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	660	JB
206-44-0	Fluoranthene	400	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	460	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	280	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	470	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	320	J
207-08-9	Benzo[k]fluoranthene	310	J
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-143

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4030 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4030.18

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA01381.D

Level: (low/med) LOW Date Received: 11/04/98

% Moisture: 6.33 decanted: (Y/N) N Date Extracted: 11/05/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 6

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000100-51-6	Benzyl Alcohol	7.90	4100	JN
2. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	1200	JN
3. 000053-19-0	Mitotane	21.76	890	JN
4. 001454-84-8	1-Nonadecanol	24.06	2800	JN
5. 004860-03-1	Hexadecane, 1-chloro-	25.59	2100	JN
6. 000000-00-0	1-Hexacosanal	26.58	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-144

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.02

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA01382.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 13.83 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-144

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.02

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA01382.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 13.83 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	330	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-144

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.02

Sample wt/vol: 10.53 (g/ml) G Lab File ID: BNA01382.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 13.83 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 4

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	1100	JN
2. 000112-92-5	1-Octadecanol	24.07	5300	JN
3. 001599-67-3	1-Docosene	25.59	1500	JN
4. 000638-66-4	Octadecanal	26.58	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-145

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.04

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA01383.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.39 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-145

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.04

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA01383.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.39 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-145

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.04

Sample wt/vol: 10.37 (g/ml) G Lab File ID: BNA01383.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.39 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000605-45-8	1,2-Benzenedicarboxylic acid, bis	18.61	1900	JN
2. 001599-67-3	1-Docosene	24.06	2300	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.20	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-146

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.06

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA01384.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.67 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-146

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.06

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA01384.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.67 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1400	B
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-146

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.06

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA01384.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.67 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/24/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 7

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 074367-33-2	Propanoic acid, 2-methyl-, 2,2-di	12.65	1400	JN
2. 074367-34-3	Propanoic acid, 2-methyl-, 3-hydr	12.94	1700	JN
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	1200	JN
4. 001454-84-8	1-Nonadecanol	24.06	2500	JN
5. 000544-85-4	Dotriacontane	25.59	1200	JN
6. 000301-02-0	9-Octadecenamide, (Z)-	26.21	1100	JN
7. 056554-86-0	17-Octadecenal	26.58	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-147

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01397.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 8.72 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-147

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01397.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 8.72 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	540	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-147

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01397.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 8.72 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.07	4700	JN
2. 001599-67-3	1-Docosene	25.59	1400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-148

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01398.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 32.72 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1500	U
62-75-9	N-nitroso-dimethylamine	1500	U
62-53-3	Aniline	1500	U
108-95-2	Phenol	1500	U
111-44-4	bis(2-Chloroethyl)ether	1500	U
95-57-8	2-Chlorophenol	1500	U
541-73-1	1,3-Dichlorobenzene	1500	U
106-46-7	1,4-Dichlorobenzene	1500	U
100-51-6	Benzyl alcohol	1500	U
95-50-1	1,2-Dichlorobenzene	1500	U
	2-Methylphenol	1500	U
108-60-1	bis(2-chloroisopropyl)ether	1500	U
	4-Methylphenol	1500	U
621-64-7	n-Nitroso-di-n-propylamine	1500	U
67-72-1	Hexachloroethane	1500	U
98-95-3	Nitrobenzene	1500	U
78-59-1	Isophorone	1500	U
88-75-5	2-Nitrophenol	1500	U
105-67-9	2,4-Dimethylphenol	1500	U
111-91-1	bis(2-Chloroethoxy)methane	1500	U
120-83-2	2,4-Dichlorophenol	1500	U
65-85-0	Benzoic Acid	1500	U
120-82-1	1,2,4-Trichlorobenzene	1500	U
91-20-3	Naphthalene	1500	U
106-47-8	4-Chloroaniline	1500	U
87-68-3	Hexachlorobutadiene	1500	U
59-50-7	4-Chloro-3-methylphenol	1500	U
91-57-6	2-Methylnaphthalene	1500	U
77-47-4	Hexachlorocyclopentadiene	1500	U
88-06-2	2,4,6-Trichlorophenol	1500	U
	2,4,5-Trichlorophenol	1500	U
91-58-7	2-Chloronaphthalene	1500	U
88-74-4	2-Nitroaniline	1500	U
131-11-3	Dimethylphthalate	1500	U
208-96-8	Acenaphthylene	1500	U
606-20-2	2,6-Dinitrotoluene	1500	U
99-09-2	3-Nitroaniline	1500	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-148

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01398.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 32.72 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1500	U
51-28-5	2,4-Dinitrophenol	1500	U
132-64-9	Dibenzofuran	1500	U
100-02-7	4-Nitrophenol	1500	U
121-14-2	2,4-Dinitrotoluene	1500	U
84-66-2	Diethylphthalate	1500	U
86-73-7	Fluorene	1500	U
7005-72-3	4-Chlorophenyl-phenylether	1500	U
100-01-6	4-Nitroaniline	1500	U
534-52-1	4,6-Dinitro-2-methylphenol	1500	U
86-30-6	n-Nitrosodiphenylamine	1500	U
103-33-3	Azobenzene	1500	U
101-55-3	4-Bromophenyl-phenylether	1500	U
118-74-1	Hexachlorobenzene	1500	U
87-86-5	Pentachlorophenol	1500	U
85-01-8	Phenanthrene	1500	U
120-12-7	Anthracene	1500	U
84-74-2	Di-n-butylphthalate	900	JB
206-44-0	Fluoranthene	1500	U
92-87-5	Benzidine	1500	U
129-00-0	Pyrene	1500	U
85-68-7	Butylbenzylphthalate	1500	U
56-55-3	Benzo[a]anthracene	1500	U
91-94-1	3,3'-Dichlorobenzidine	1500	U
218-01-9	Chrysene	1500	U
117-81-7	bis(2-Ethylhexyl)phthalate	1300	J
117-84-0	Di-n-octylphthalate	1500	U
205-99-2	Benzo[b]fluoranthene	1500	U
207-08-9	Benzo[k]fluoranthene	1500	U
50-32-8	Benzo[a]pyrene	1500	U
193-39-5	Indeno[1,2,3-cd]pyrene	1500	U
53-70-3	Dibenz[a,h]anthracene	1500	U
191-24-2	Benzo[g,h,i]perylene	1500	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-148

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.10

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01398.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 32.72 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.60	1900	JN
2. 002765-11-9	Pentadecanal-	23.57	1900	JN
3. 074685-30-6	5-Eicosene, (E)-	24.07	8900	JN
4. 056554-86-0	17-Octadecenal	25.13	1800	JN
5. 001599-67-3	1-Docosene	25.59	3600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-149

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.12

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01399.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.99 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-149

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.12

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01399.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.99 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	190	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-149

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.12

Sample wt/vol: 10.24 (g/ml) G Lab File ID: BNA01399.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.99 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.06	4500	JN
2. 001599-67-3	1-Docosene	25.58	1700	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.20	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-150

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.14

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA01400.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 9.05 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-150

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.14

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA01400.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 9.05 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	240	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	900	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	780	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1600	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	950	J
207-08-9	Benzo[k]fluoranthene	770	J
50-32-8	Benzo[a]pyrene	870	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-150

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.14

Sample wt/vol: 10.52 (g/ml) G Lab File ID: BNA01400.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 9.05 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001120-16-7	Dodecanamide	23.05	1200	JN
2. 018435-45-5	1-Nonadecene	24.06	5400	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-151

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.16

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01401.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 3.96 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	250	J
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	240	J
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-151

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.16

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01401.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 3.96 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	140	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	210	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-151

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.16

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BNA01401.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 3.96 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 002847-72-5	Decane, 4-methyl-	7.63	4100	JN
2. 013151-35-4	Decane, 5-methyl-	8.23	900	JN
3. 006975-98-0	Decane, 2-methyl-	8.34	1000	JN
4. 074685-30-6	5-Eicosene, (E)-	24.06	4000	JN
5. 000629-54-9	Hexadecanamide	26.20	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-152

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.18

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA01402.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 8.56 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-152

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.18

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA01402.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 8.56 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	670	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-152

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.18

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA01402.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 8.56 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.60	1400	JN
2. 001454-84-8	1-Nonadecanol	24.06	3400	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.20	1600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-153

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.20

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01422.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 15.66 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	280	J
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-153

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.20

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01422.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 15.66 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	180	J
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	490	J
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	570	J
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	450	J
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	810	J
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	590	J
207-08-9	Benzo[k]fluoranthene	520	J
50-32-8	Benzo[a]pyrene	620	J
193-39-5	Indeno[1,2,3-cd]pyrene	510	J
53-70-3	Dibenz[a,h]anthracene	230	J
191-24-2	Benzo[g,h,i]perylene	550	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-153

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.20

Sample wt/vol: 10 (g/ml) G Lab File ID: BNA01422.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 15.66 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.07	2100	JN
2. 000112-88-9	1-Octadecene	25.60	4100	JN
3. 056554-89-3	14-Octadecenal	26.59	2300	JN
4. 000638-66-4	Octadecanal	27.95	1600	JN
5. 000646-31-1	Tetracosane	28.30	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-154

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.22

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01423.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 10.68 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-154

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.22

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01423.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 10.68 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	2000	B
206-44-0	Fluoranthene	150	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	160	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-154

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.22

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01423.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 10.68 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 6 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	2100	JN
2. 056554-86-0	17-Octadecenal	23.57	1100	JN
3. 019047-85-9	Phosphonic acid, dioctadecyl este	24.07	4000	JN
4. 002765-11-9	Pentadecanal-	25.14	980	JN
5. 000295-65-8	Cyclohexadecane	25.60	3400	JN
6. 000000-00-0	1-Hexacosanal	26.59	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-155

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.24

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01424.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-155

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.24

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01424.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.2 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	170	J
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	2100	
120-12-7	Anthracene	410	J
84-74-2	Di-n-butylphthalate	670	JB
206-44-0	Fluoranthene	2200	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1500	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	870	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1300	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	570	J
207-08-9	Benzo[k]fluoranthene	590	J
50-32-8	Benzo[a]pyrene	630	J
193-39-5	Indeno[1,2,3-cd]pyrene	340	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-155

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.24

Sample wt/vol: 10.04 (g/ml) G Lab File ID: BNA01424.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 11.2 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.60	1200	JN
2. 001119-29-5	Pentanamide, 4-methyl-	23.06	1100	JN
3. 001599-67-3	1-Docosene	24.06	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-156

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.26

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01425.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.78 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	990	U
62-75-9	N-nitroso-dimethylamine	990	U
62-53-3	Aniline	990	U
108-95-2	Phenol	990	U
111-44-4	bis(2-Chloroethyl)ether	990	U
95-57-8	2-Chlorophenol	990	U
541-73-1	1,3-Dichlorobenzene	990	U
106-46-7	1,4-Dichlorobenzene	990	U
100-51-6	Benzyl alcohol	990	U
95-50-1	1,2-Dichlorobenzene	990	U
	2-Methylphenol	990	U
108-60-1	bis(2-chloroisopropyl)ether	990	U
	4-Methylphenol	990	U
621-64-7	n-Nitroso-di-n-propylamine	990	U
67-72-1	Hexachloroethane	990	U
98-95-3	Nitrobenzene	990	U
78-59-1	Isophorone	990	U
88-75-5	2-Nitrophenol	990	U
105-67-9	2,4-Dimethylphenol	990	U
111-91-1	bis(2-Chloroethoxy)methane	990	U
120-83-2	2,4-Dichlorophenol	990	U
65-85-0	Benzoic Acid	990	U
120-82-1	1,2,4-Trichlorobenzene	990	U
91-20-3	Naphthalene	990	U
106-47-8	4-Chloroaniline	990	U
87-68-3	Hexachlorobutadiene	990	U
59-50-7	4-Chloro-3-methylphenol	990	U
91-57-6	2-Methylnaphthalene	990	U
77-47-4	Hexachlorocyclopentadiene	990	U
88-06-2	2,4,6-Trichlorophenol	990	U
	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	990	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	990	U
208-96-8	Acenaphthylene	990	U
606-20-2	2,6-Dinitrotoluene	990	U
99-09-2	3-Nitroaniline	990	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-156

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.26

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01425.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.78 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	990	U
51-28-5	2,4-Dinitrophenol	990	U
132-64-9	Dibenzofuran	990	U
100-02-7	4-Nitrophenol	990	U
121-14-2	2,4-Dinitrotoluene	990	U
84-66-2	Diethylphthalate	990	U
86-73-7	Fluorene	240	J
7005-72-3	4-Chlorophenyl-phenylether	990	U
100-01-6	4-Nitroaniline	990	U
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	n-Nitrosodiphenylamine	990	U
103-33-3	Azobenzene	990	U
101-55-3	4-Bromophenyl-phenylether	990	U
118-74-1	Hexachlorobenzene	990	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	3700	
120-12-7	Anthracene	720	J
84-74-2	Di-n-butylphthalate	200	JB
206-44-0	Fluoranthene	6000	
92-87-5	Benzidine	990	U
129-00-0	Pyrene	4200	
85-68-7	Butylbenzylphthalate	990	U
56-55-3	Benzo[a]anthracene	2400	
91-94-1	3,3'-Dichlorobenzidine	990	U
218-01-9	Chrysene	3800	
117-81-7	bis(2-Ethylhexyl)phthalate	990	U
117-84-0	Di-n-octylphthalate	990	U
205-99-2	Benzo[b]fluoranthene	1700	
207-08-9	Benzo[k]fluoranthene	1500	
50-32-8	Benzo[a]pyrene	1800	
193-39-5	Indeno[1,2,3-cd]pyrene	740	J
53-70-3	Dibenz[a,h]anthracene	350	J
191-24-2	Benzo[g,h,i]perylene	660	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-156

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.26

Sample wt/vol: 10.77 (g/ml) G Lab File ID: BNA01425.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.78 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 7 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000243-17-4	11H-Benzo[b]fluorene	21.89	1200	JN
2. 000238-84-6	11H-Benzo[a]fluorene	22.03	790	JN
3. 000629-54-9	Hexadecanamide	23.06	1400	JN
4. 001599-67-3	1-Docosene	24.07	1400	JN
5. 000239-01-0	Benzo(a)carbazole	24.40	1100	JN
6. 003697-24-3	Chrysene, 5-methyl-	24.86	840	JN
7.	unknown	26.81	1100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.28

Sample wt/vol: 10.5 (g/ml) G Lab File ID: BNA01426.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 9.46 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.28

Sample wt/vol: 10.5 (g/ml) G Lab File ID: BNA01426.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 9.46 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	530	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-157

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.28

Sample wt/vol: 10.5 (g/ml) G Lab File ID: BNA01426.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 9.46 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/30/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000085-69-8	1,2-Benzenedicarboxylic acid, but	18.60	1100	JN
2. 001454-84-8	1-Nonadecanol	24.07	2300	JN
3. 001120-07-6	Nonanamide	26.21	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-158

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.30

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA01408.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.13 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	190	J
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-158

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.30

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA01408.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.13 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	500	J
120-12-7	Anthracene	150	J
84-74-2	Di-n-butylphthalate	870	JB
206-44-0	Fluoranthene	1400	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	2100	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	900	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1700	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1100	
207-08-9	Benzo[k]fluoranthene	1300	
50-32-8	Benzo[a]pyrene	1200	
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-158

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4041 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4041.30

Sample wt/vol: 10.43 (g/ml) G Lab File ID: BNA01408.D

Level: (low/med) LOW Date Received: 11/09/98

% Moisture: 5.13 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/25/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.61	1600	JN
2. 000301-02-0	9-Octadecenamide, (Z)-	23.06	1100	JN
3. 001599-67-3	1-Docosene	24.07	4600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.02

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01503.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.62 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	190	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.02

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01503.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.62 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	510	J
120-12-7	Anthracene	140	J
84-74-2	Di-n-butylphthalate	260	JB
206-44-0	Fluoranthene	1100	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	680	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	580	J
207-08-9	Benzo[k]fluoranthene	670	J
50-32-8	Benzo[a]pyrene	690	J
193-39-5	Indeno[1,2,3-cd]pyrene	490	J
53-70-3	Dibenz[a,h]anthracene	200	J
191-24-2	Benzo[g,h,i]perylene	570	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-159

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.02

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01503.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.62 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 054789-40-1	Heptanamide, 4-ethyl-5-methyl-	23.04	960	JN
2. 001454-84-8	1-Nonadecanol	24.05	2600	JN
3. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.58	2600	JN
4. 000000-00-0	1-Hexacosanal	26.57	2000	JN
5.	unknown	26.77	990	J
6. 000629-80-1	Hexadecanal	27.92	1100	JN
7. 000629-78-7	Heptadecane	28.28	2800	JN
8. 000638-66-4	Octadecanal	29.20	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA01504.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.37 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA01504.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.37 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	610	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-160

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.04

Sample wt/vol: 10.3 (g/ml) G Lab File ID: BNA01504.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.37 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.59	1400	JN
2. 000629-96-9	1-Eicosanol	24.04	1300	JN
3. 000124-26-5	Octadecanamide	26.19	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-161

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.06

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01505.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 9.17 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-161

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.06

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01505.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 9.17 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	330	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-161

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.06

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01505.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 9.17 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000053-19-0	Mitotane	22.36	1200	JN
2. 006012-83-5	Benzenemethanol, 4-chloro-.alph	23.23	1000	JN
3. 001599-67-3	1-Docosene	24.04	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-162

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.08

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01506.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 13.31 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-162

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.08

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01506.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 13.31 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	470	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-162

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.08

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01506.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 13.31 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.04	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-163

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.10

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA01507.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.77 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-163

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.10

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA01507.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.77 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-163

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.10

Sample wt/vol: 10.69 (g/ml) G Lab File ID: BNA01507.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.77 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.05	2600	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.12

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01508.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.84 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.12

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01508.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.84 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-164

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.12

Sample wt/vol: 10.15 (g/ml) G Lab File ID: BNA01508.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.84 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.04	1900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.14

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA01509.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.85 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.14

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA01509.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.85 decanted:(Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-165

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.14

Sample wt/vol: 10.58 (g/ml) G Lab File ID: BNA01509.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 7.85 decanted: (Y/N) N Date Extracted: 11/13/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.04	2800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-166

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.16

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01510.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.72 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-166

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.16

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01510.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.72 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	270	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	600	JB
206-44-0	Fluoranthene	700	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	660	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	440	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	760	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	410	J
207-08-9	Benzo[k]fluoranthene	410	J
50-32-8	Benzo[a]pyrene	370	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-166

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.16

Sample wt/vol: 10.33 (g/ml) G Lab File ID: BNA01510.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 5.72 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 4 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.58	820	JN
2. 000638-66-4	Octadecanal	23.56	930	JN
3. 074685-30-6	5-Eicosene, (E)-	24.05	3800	JN
4. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.58	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01511.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 26.96 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1400	U
62-75-9	N-nitroso-dimethylamine	1400	U
62-53-3	Aniline	1400	U
108-95-2	Phenol	1400	U
111-44-4	bis(2-Chloroethyl)ether	1400	U
95-57-8	2-Chlorophenol	1400	U
541-73-1	1,3-Dichlorobenzene	1400	U
106-46-7	1,4-Dichlorobenzene	1400	U
100-51-6	Benzyl alcohol	1400	U
95-50-1	1,2-Dichlorobenzene	1400	U
	2-Methylphenol	1400	U
108-60-1	bis(2-chloroisopropyl)ether	1400	U
	4-Methylphenol	1400	U
621-64-7	n-Nitroso-di-n-propylamine	1400	U
67-72-1	Hexachloroethane	1400	U
98-95-3	Nitrobenzene	1400	U
78-59-1	Isophorone	1400	U
88-75-5	2-Nitrophenol	1400	U
105-67-9	2,4-Dimethylphenol	1400	U
111-91-1	bis(2-Chloroethoxy)methane	1400	U
120-83-2	2,4-Dichlorophenol	1400	U
65-85-0	Benzoic Acid	1400	U
120-82-1	1,2,4-Trichlorobenzene	1400	U
91-20-3	Naphthalene	1400	U
106-47-8	4-Chloroaniline	1400	U
87-68-3	Hexachlorobutadiene	1400	U
59-50-7	4-Chloro-3-methylphenol	1400	U
91-57-6	2-Methylnaphthalene	1400	U
77-47-4	Hexachlorocyclopentadiene	1400	U
88-06-2	2,4,6-Trichlorophenol	1400	U
	2,4,5-Trichlorophenol	1400	U
91-58-7	2-Chloronaphthalene	1400	U
88-74-4	2-Nitroaniline	1400	U
131-11-3	Dimethylphthalate	1400	U
208-96-8	Acenaphthylene	1400	U
606-20-2	2,6-Dinitrotoluene	1400	U
99-09-2	3-Nitroaniline	1400	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01511.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 26.96 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1400	U
51-28-5	2,4-Dinitrophenol	1400	U
132-64-9	Dibenzofuran	1400	U
100-02-7	4-Nitrophenol	1400	U
121-14-2	2,4-Dinitrotoluene	1400	U
84-66-2	Diethylphthalate	1400	U
86-73-7	Fluorene	1400	U
7005-72-3	4-Chlorophenyl-phenylether	1400	U
100-01-6	4-Nitroaniline	1400	U
534-52-1	4,6-Dinitro-2-methylphenol	1400	U
86-30-6	n-Nitrosodiphenylamine	1400	U
103-33-3	Azobenzene	1400	U
101-55-3	4-Bromophenyl-phenylether	1400	U
118-74-1	Hexachlorobenzene	1400	U
87-86-5	Pentachlorophenol	1400	U
85-01-8	Phenanthrene	1400	U
120-12-7	Anthracene	1400	U
84-74-2	Di-n-butylphthalate	1800	B
206-44-0	Fluoranthene	360	J
92-87-5	Benzidine	1400	U
129-00-0	Pyrene	370	J
85-68-7	Butylbenzylphthalate	1400	U
56-55-3	Benzo[a]anthracene	1400	U
91-94-1	3,3'-Dichlorobenzidine	1400	U
218-01-9	Chrysene	1400	U
117-81-7	bis(2-Ethylhexyl)phthalate	1400	U
117-84-0	Di-n-octylphthalate	1400	U
205-99-2	Benzo[b]fluoranthene	1400	U
207-08-9	Benzo[k]fluoranthene	1400	U
50-32-8	Benzo[a]pyrene	1400	U
193-39-5	Indeno[1,2,3-cd]pyrene	1400	U
53-70-3	Dibenz[a,h]anthracene	1400	U
191-24-2	Benzo[g,h,i]perylene	1400	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-167

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.18

Sample wt/vol: 10.05 (g/ml) G Lab File ID: BNA01511.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 26.96 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.59	1500	JN
2. 056554-86-0	17-Octadecenal	21.87	1400	JN
3. 000638-67-5	Tricosane	22.48	1200	JN
4. 056554-93-9	15-Octadecenal	23.56	2700	JN
5. 001454-84-8	1-Nonadecanol	24.06	9500	JN
6. 000638-66-4	Octadecanal	25.12	2100	JN
7. 001599-67-3	1-Docosene	25.59	2700	JN
8. 007390-81-0	Oxirane, hexadecyl-	26.58	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.20

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01512.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.39 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.20

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01512.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.39 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	550	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	2600	B
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-168

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.20

Sample wt/vol: 10.54 (g/ml) G Lab File ID: BNA01512.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.39 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.58	890	JN
2. 001454-84-8	1-Nonadecanol	24.05	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-169

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.22

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01513.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 8.69 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-169

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.22

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01513.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 8.69 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-169

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.22

Sample wt/vol: 10.27 (g/ml) G Lab File ID: BNA01513.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 8.69 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.05	2900	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-170

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.24

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01514.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.09 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-170

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.24

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01514.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.09 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-170

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.24

Sample wt/vol: 10.44 (g/ml) G Lab File ID: BNA01514.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 10.09 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.05	3500	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-171

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.26

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01515.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 3.6 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-171

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.26

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01515.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 3.6 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	230	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	450	JB
206-44-0	Fluoranthene	930	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	580	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	960	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	810	J
207-08-9	Benzo[k]fluoranthene	580	J
50-32-8	Benzo[a]pyrene	740	J
193-39-5	Indeno[1,2,3-cd]pyrene	340	J
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	350	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-171

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.26

Sample wt/vol: 10.1 (g/ml) G Lab File ID: BNA01515.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 3.6 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/04/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000112-88-9	1-Octadecene	24.06	2000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-172

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.28

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01528.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.74 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-172

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.28

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01528.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.74 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	390	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-172

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.28

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01528.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 11.74 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 1 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.04	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-173

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.30

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01529.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 21.57 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1300	U
62-75-9	N-nitroso-dimethylamine	1300	U
62-53-3	Aniline	1300	U
108-95-2	Phenol	1300	U
111-44-4	bis(2-Chloroethyl)ether	1300	U
95-57-8	2-Chlorophenol	1300	U
541-73-1	1,3-Dichlorobenzene	1300	U
106-46-7	1,4-Dichlorobenzene	1300	U
100-51-6	Benzyl alcohol	1300	U
95-50-1	1,2-Dichlorobenzene	1300	U
	2-Methylphenol	1300	U
108-60-1	bis(2-chloroisopropyl)ether	1300	U
	4-Methylphenol	1300	U
621-64-7	n-Nitroso-di-n-propylamine	1300	U
67-72-1	Hexachloroethane	1300	U
98-95-3	Nitrobenzene	1300	U
78-59-1	Isophorone	1300	U
88-75-5	2-Nitrophenol	1300	U
105-67-9	2,4-Dimethylphenol	1300	U
111-91-1	bis(2-Chloroethoxy)methane	1300	U
120-83-2	2,4-Dichlorophenol	1300	U
65-85-0	Benzoic Acid	1300	U
120-82-1	1,2,4-Trichlorobenzene	1300	U
91-20-3	Naphthalene	1300	U
106-47-8	4-Chloroaniline	1300	U
87-68-3	Hexachlorobutadiene	1300	U
59-50-7	4-Chloro-3-methylphenol	1300	U
91-57-6	2-Methylnaphthalene	1300	U
77-47-4	Hexachlorocyclopentadiene	1300	U
88-06-2	2,4,6-Trichlorophenol	1300	U
	2,4,5-Trichlorophenol	1300	U
91-58-7	2-Chloronaphthalene	1300	U
88-74-4	2-Nitroaniline	1300	U
131-11-3	Dimethylphthalate	1300	U
208-96-8	Acenaphthylene	1300	U
606-20-2	2,6-Dinitrotoluene	1300	U
99-09-2	3-Nitroaniline	1300	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-173

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.30

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01529.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 21.57 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1300	U
51-28-5	2,4-Dinitrophenol	1300	U
132-64-9	Dibenzofuran	1300	U
100-02-7	4-Nitrophenol	1300	U
121-14-2	2,4-Dinitrotoluene	1300	U
84-66-2	Diethylphthalate	1300	U
86-73-7	Fluorene	1300	U
7005-72-3	4-Chlorophenyl-phenylether	1300	U
100-01-6	4-Nitroaniline	1300	U
534-52-1	4,6-Dinitro-2-methylphenol	1300	U
86-30-6	n-Nitrosodiphenylamine	1300	U
103-33-3	Azobenzene	1300	U
101-55-3	4-Bromophenyl-phenylether	1300	U
118-74-1	Hexachlorobenzene	1300	U
87-86-5	Pentachlorophenol	1300	U
85-01-8	Phenanthrene	1300	U
120-12-7	Anthracene	1300	U
84-74-2	Di-n-butylphthalate	1300	U
206-44-0	Fluoranthene	410	J
92-87-5	Benzidine	1300	U
129-00-0	Pyrene	420	J
85-68-7	Butylbenzylphthalate	1300	U
56-55-3	Benzo[a]anthracene	310	J
91-94-1	3,3'-Dichlorobenzidine	1300	U
218-01-9	Chrysene	530	J
117-81-7	bis(2-Ethylhexyl)phthalate	1300	U
117-84-0	Di-n-octylphthalate	1300	U
205-99-2	Benzo[b]fluoranthene	290	J
207-08-9	Benzo[k]fluoranthene	260	J
50-32-8	Benzo[a]pyrene	310	J
193-39-5	Indeno[1,2,3-cd]pyrene	1300	U
53-70-3	Dibenz[a,h]anthracene	1300	U
191-24-2	Benzo[g,h,i]perylene	1300	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-173

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4046 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4046.30

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BNA01529.D

Level: (low/med) LOW Date Received: 11/10/98

% Moisture: 21.57 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 056554-86-0	17-Octadecenal	23.56	1300	JN
2. 019047-85-9	Phosphonic acid, dioctadecyl este	24.05	3500	JN
3. 000295-65-8	Cyclohexadecane	25.58	3700	JN
4. 000000-00-0	2-Pentacosanone	25.71	1500	JN
5. 000638-66-4	Octadecanal	26.57	1100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-175

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01532.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.38 decanted:(Y/N) N Date Extracted: 11/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-175

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01532.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.38 decanted:(Y/N) N Date Extracted: 11/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	560	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-175

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.02

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BNA01532.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.38 decanted: (Y/N) N Date Extracted: 11/16/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.58	1000	J
2. 019047-85-9	Phosphonic acid, dioctadecyl este	24.04	1800	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-176

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.04

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01533.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.09 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-176

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.04

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01533.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.09 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	280	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-176

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.04

Sample wt/vol: 10.35 (g/ml) G Lab File ID: BNA01533.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.09 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000629-96-9	1-Eicosanol	24.04	3800	JN
2.	unknown	26.18	890	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-177

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01534.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 13.77 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-177

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01534.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 13.77 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1200	U
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-177

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.06

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BNA01534.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 13.77 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 8 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	7.60	4600	J
2.	unknown	8.63	1000	J
3. 000057-10-3	Hexadecanoic acid	19.53	2200	JN
4. 007704-34-9	Sulfur	20.27	2300	JN
5. 000112-80-1	Oleic Acid	21.24	6000	JN
6.	unknown	23.32	1600	J
7. 001454-84-8	1-Nonadecanol	24.05	3800	JN
8.	unknown	24.37	1100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-178

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.08

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA01535.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 7.6 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-178

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.08

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA01535.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 7.6 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1000	U
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1000	U
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-178

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.08

Sample wt/vol: 10.38 (g/ml) G Lab File ID: BNA01535.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 7.6 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 1

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001454-84-8	1-Nonadecanol	24.04	2200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-179

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA01536.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.93 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-179

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA01536.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.93 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	12000	B
206-44-0	Fluoranthene	390	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	410	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-179

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.10

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BNA01536.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 12.93 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.58	1500	J
2. 001454-84-8	1-Nonadecanol	24.04	2100	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.19	1300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-180

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.12

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA01537.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 18.76 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-180

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.12

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA01537.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 18.76 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-180

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.12

Sample wt/vol: 10.28 (g/ml) G Lab File ID: BNA01537.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 18.76 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 001599-67-3	1-Docosene	24.04	5200	JN
2. 000295-17-0	Cyclotetradecane	25.57	3500	JN
3. 000638-66-4	Octadecanal	26.56	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-181

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.14

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01538.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.91 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-181

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.14

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01538.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.91 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	650	JB
206-44-0	Fluoranthene	190	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	220	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-181

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.14

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01538.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.91 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-182

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.16

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01539.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 5.17 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-182

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.16

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01539.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 5.17 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	1700	
120-12-7	Anthracene	350	J
84-74-2	Di-n-butylphthalate	700	JB
206-44-0	Fluoranthene	3200	
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	750	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1200	
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	340	J
207-08-9	Benzo[k]fluoranthene	360	J
50-32-8	Benzo[a]pyrene	340	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-182

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.16

Sample wt/vol: 10.36 (g/ml) G Lab File ID: BNA01539.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 5.17 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

Number TICs found: 2

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.58	1100	JN
2. 001599-67-3	1-Docosene	24.04	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-183

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01540.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 14.26 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1200	U
62-75-9	N-nitroso-dimethylamine	1200	U
62-53-3	Aniline	1200	U
108-95-2	Phenol	1200	U
111-44-4	bis(2-Chloroethyl)ether	1200	U
95-57-8	2-Chlorophenol	1200	U
541-73-1	1,3-Dichlorobenzene	1200	U
106-46-7	1,4-Dichlorobenzene	1200	U
100-51-6	Benzyl alcohol	1200	U
95-50-1	1,2-Dichlorobenzene	1200	U
	2-Methylphenol	1200	U
108-60-1	bis(2-chloroisopropyl)ether	1200	U
	4-Methylphenol	1200	U
621-64-7	n-Nitroso-di-n-propylamine	1200	U
67-72-1	Hexachloroethane	1200	U
98-95-3	Nitrobenzene	1200	U
78-59-1	Isophorone	1200	U
88-75-5	2-Nitrophenol	1200	U
105-67-9	2,4-Dimethylphenol	1200	U
111-91-1	bis(2-Chloroethoxy)methane	1200	U
120-83-2	2,4-Dichlorophenol	1200	U
65-85-0	Benzoic Acid	1200	U
120-82-1	1,2,4-Trichlorobenzene	1200	U
91-20-3	Naphthalene	1200	U
106-47-8	4-Chloroaniline	1200	U
87-68-3	Hexachlorobutadiene	1200	U
59-50-7	4-Chloro-3-methylphenol	1200	U
91-57-6	2-Methylnaphthalene	1200	U
77-47-4	Hexachlorocyclopentadiene	1200	U
88-06-2	2,4,6-Trichlorophenol	1200	U
	2,4,5-Trichlorophenol	1200	U
91-58-7	2-Chloronaphthalene	1200	U
88-74-4	2-Nitroaniline	1200	U
131-11-3	Dimethylphthalate	1200	U
208-96-8	Acenaphthylene	1200	U
606-20-2	2,6-Dinitrotoluene	1200	U
99-09-2	3-Nitroaniline	1200	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-183

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01540.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 14.26 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1200	U
51-28-5	2,4-Dinitrophenol	1200	U
132-64-9	Dibenzofuran	1200	U
100-02-7	4-Nitrophenol	1200	U
121-14-2	2,4-Dinitrotoluene	1200	U
84-66-2	Diethylphthalate	1200	U
86-73-7	Fluorene	1200	U
7005-72-3	4-Chlorophenyl-phenylether	1200	U
100-01-6	4-Nitroaniline	1200	U
534-52-1	4,6-Dinitro-2-methylphenol	1200	U
86-30-6	n-Nitrosodiphenylamine	1200	U
103-33-3	Azobenzene	1200	U
101-55-3	4-Bromophenyl-phenylether	1200	U
118-74-1	Hexachlorobenzene	1200	U
87-86-5	Pentachlorophenol	1200	U
85-01-8	Phenanthrene	1200	U
120-12-7	Anthracene	1200	U
84-74-2	Di-n-butylphthalate	1100	JB
206-44-0	Fluoranthene	1200	U
92-87-5	Benzidine	1200	U
129-00-0	Pyrene	1200	U
85-68-7	Butylbenzylphthalate	1200	U
56-55-3	Benzo[a]anthracene	1200	U
91-94-1	3,3'-Dichlorobenzidine	1200	U
218-01-9	Chrysene	1200	U
117-81-7	bis(2-Ethylhexyl)phthalate	1200	U
117-84-0	Di-n-octylphthalate	1200	U
205-99-2	Benzo[b]fluoranthene	1200	U
207-08-9	Benzo[k]fluoranthene	1200	U
50-32-8	Benzo[a]pyrene	1200	U
193-39-5	Indeno[1,2,3-cd]pyrene	1200	U
53-70-3	Dibenz[a,h]anthracene	1200	U
191-24-2	Benzo[g,h,i]perylene	1200	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-183

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BNA01540.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 14.26 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 3 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.58	1300	J
2. 001599-67-3	1-Docosene	24.04	2900	JN
3. 000301-02-0	9-Octadecenamide, (Z)-	26.18	930	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-184

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.20

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA01541.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 10.18 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-184

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.20

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA01541.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 10.18 decanted:(Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	210	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1300	B
206-44-0	Fluoranthene	1000	U
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	1000	U
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	1000	U
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	1000	U
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	1000	U
207-08-9	Benzo[k]fluoranthene	1000	U
50-32-8	Benzo[a]pyrene	1000	U
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-184

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.20

Sample wt/vol: 10.64 (g/ml) G Lab File ID: BNA01541.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 10.18 decanted: (Y/N) N Date Extracted: 11/17/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 5 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.62	1800	J
2.	unknown	12.91	2200	J
3. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.59	1600	JN
4. 001599-67-3	1-Docosene	24.06	4300	JN
5. 000593-45-3	Octadecane	25.60	2300	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-185

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.22

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01542.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-185

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.22

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01542.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 15.17 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	300	J
120-12-7	Anthracene	300	J
84-74-2	Di-n-butylphthalate	230	JB
206-44-0	Fluoranthene	300	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	340	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-185

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.22

Sample wt/vol: 10.55 (g/ml) G Lab File ID: BNA01542.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 15.17 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/07/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 0 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-186**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.24

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BN02346.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.76 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-186**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.24

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BN02346.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.76 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	4400	
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	220	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	1500	B
206-44-0	Fluoranthene	620	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	650	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	460	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	740	J
117-81-7	bis(2-Ethylhexyl)phthalate	170	J
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	460	J
207-08-9	Benzo[k]fluoranthene	540	J
50-32-8	Benzo[a]pyrene	570	J
193-39-5	Indeno[1,2,3-cd]pyrene	400	J
53-70-3	Dibenz[a,h]anthracene	290	J
191-24-2	Benzo[g,h,i]perylene	350	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-186**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.24

Sample wt/vol: 10.67 (g/ml) G Lab File ID: BN02346.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.76 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.98	6300	JN
2. 000057-10-3	Hexadecanoic acid	19.81	860	JN
3.	unknown	25.89	860	J
4. 000630-06-8	Hexatriacontane	28.58	950	JN
5. 019047-85-9	Phosphonic acid, dioctadecyl est	28.63	840	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-187**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.26

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BN02347.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 8 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1000	U
62-75-9	N-nitroso-dimethylamine	1000	U
62-53-3	Aniline	1000	U
108-95-2	Phenol	1000	U
111-44-4	bis(2-Chloroethyl)ether	1000	U
95-57-8	2-Chlorophenol	1000	U
541-73-1	1,3-Dichlorobenzene	1000	U
106-46-7	1,4-Dichlorobenzene	1000	U
100-51-6	Benzyl alcohol	1000	U
95-50-1	1,2-Dichlorobenzene	1000	U
	2-Methylphenol	1000	U
108-60-1	bis(2-chloroisopropyl)ether	1000	U
	4-Methylphenol	1000	U
621-64-7	n-Nitroso-di-n-propylamine	1000	U
67-72-1	Hexachloroethane	1000	U
98-95-3	Nitrobenzene	1000	U
78-59-1	Isophorone	1000	U
88-75-5	2-Nitrophenol	1000	U
105-67-9	2,4-Dimethylphenol	1000	U
111-91-1	bis(2-Chloroethoxy)methane	1000	U
120-83-2	2,4-Dichlorophenol	1000	U
65-85-0	Benzoic Acid	1000	U
120-82-1	1,2,4-Trichlorobenzene	1000	U
91-20-3	Naphthalene	1000	U
106-47-8	4-Chloroaniline	1000	U
87-68-3	Hexachlorobutadiene	1000	U
59-50-7	4-Chloro-3-methylphenol	1000	U
91-57-6	2-Methylnaphthalene	1000	U
77-47-4	Hexachlorocyclopentadiene	1000	U
88-06-2	2,4,6-Trichlorophenol	1000	U
	2,4,5-Trichlorophenol	1000	U
91-58-7	2-Chloronaphthalene	1000	U
88-74-4	2-Nitroaniline	1000	U
131-11-3	Dimethylphthalate	1000	U
208-96-8	Acenaphthylene	1000	U
606-20-2	2,6-Dinitrotoluene	1000	U
99-09-2	3-Nitroaniline	1000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-187**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.26

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BN02347.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 8 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1000	U
51-28-5	2,4-Dinitrophenol	1000	U
132-64-9	Dibenzofuran	1000	U
100-02-7	4-Nitrophenol	1000	U
121-14-2	2,4-Dinitrotoluene	1000	U
84-66-2	Diethylphthalate	1000	U
86-73-7	Fluorene	1000	U
7005-72-3	4-Chlorophenyl-phenylether	1000	U
100-01-6	4-Nitroaniline	1000	U
534-52-1	4,6-Dinitro-2-methylphenol	1000	U
86-30-6	n-Nitrosodiphenylamine	1000	U
103-33-3	Azobenzene	1000	U
101-55-3	4-Bromophenyl-phenylether	1000	U
118-74-1	Hexachlorobenzene	1000	U
87-86-5	Pentachlorophenol	1000	U
85-01-8	Phenanthrene	470	J
120-12-7	Anthracene	1000	U
84-74-2	Di-n-butylphthalate	690	JB
206-44-0	Fluoranthene	510	J
92-87-5	Benzidine	1000	U
129-00-0	Pyrene	480	J
85-68-7	Butylbenzylphthalate	1000	U
56-55-3	Benzo[a]anthracene	190	J
91-94-1	3,3'-Dichlorobenzidine	1000	U
218-01-9	Chrysene	380	J
117-81-7	bis(2-Ethylhexyl)phthalate	1000	U
117-84-0	Di-n-octylphthalate	1000	U
205-99-2	Benzo[b]fluoranthene	170	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	150	J
193-39-5	Indeno[1,2,3-cd]pyrene	1000	U
53-70-3	Dibenz[a,h]anthracene	1000	U
191-24-2	Benzo[g,h,i]perylene	1000	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-187**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.26

Sample wt/vol: 10.7 (g/ml) G Lab File ID: BN02347.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 8 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.97	4400	J
2. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.90	1000	JN
3. 007098-22-8	Tetratetracontane	27.28	1900	JN
4.	unknown	28.58	1500	J
5.	unknown	28.63	1100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-188**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02348.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.89 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-188**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02348.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.89 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1500	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-188**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.28

Sample wt/vol: 10.14 (g/ml) G Lab File ID: BN02348.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 9.89 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 13 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 007786-67-6	Cyclohexanol, 5-methyl-2-(1-met	10.05	1300	JN
2. 002385-77-5	6-Octenal, 3,7-dimethyl-, (R)-	10.16	1400	JN
3. 000000-00-0	Cyclohexanol, 2-(2-hydroxy-2-pro	12.80	2600	JN
4.	unknown	13.10	1400	J
5. 000084-74-2	Dibutyl phthalate	18.98	7400	JN
6. 000057-10-3	Hexadecanoic acid	19.83	1700	JN
7. 002091-29-4	9-Hexadecenoic acid	21.48	1800	JN
8. 001454-84-8	1-Nonadecanol	24.39	7100	JN
9. 006624-79-9	1-Dotriacontanol	25.90	2400	JN
10.	unknown	26.89	900	J
11. 006624-79-9	1-Dotriacontanol	27.31	1800	JN
12. 000544-85-4	Dotriacontane	28.58	880	JN
13. 000112-92-5	1-Octadecanol	28.63	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-189**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.30

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN02349.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-189**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.30

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN02349.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 14.3 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	340	JB
206-44-0	Fluoranthene	270	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	300	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	280	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	150	J
207-08-9	Benzo[k]fluoranthene	200	J
50-32-8	Benzo[a]pyrene	200	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-189**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4058 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4058.30

Sample wt/vol: 10.66 (g/ml) G Lab File ID: BN02349.D

Level: (low/med) LOW Date Received: 11/16/98

% Moisture: 14.3 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/15/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-78-6	1,2-Benzenedicarboxylic acid, but	18.96	2600	JN
2. 000544-63-8	Tetradecanoic acid	19.82	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-190**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02373.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 9.66 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-190**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02373.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 9.66 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	630	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-190**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02373.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 9.66 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.97	4000	JN
2. 054284-45-6	1-Monolinoleoylglycerol trimethyls	23.89	1200	JN
3. 000112-92-5	1-Octadecanol	24.38	4800	JN
4. 000930-02-9	Octadecane, 1-(ethenyloxy)-	25.90	1100	JN
5. 007390-81-0	Oxirane, hexadecyl-	26.90	1000	JN
6. 006971-40-0	17-Pentatriacontene	27.31	2500	JN
7. 000630-06-8	Hexatriacontane	28.59	1900	JN
8. 000112-92-5	1-Octadecanol	28.63	1100	JN
9.	unknown	29.54	1300	J
10. 000000-00-0	10-Methylnonadecane	29.88	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-191**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02374.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 8.95 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-191**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02374.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 8.95 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	630	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	130	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-191**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.04

Sample wt/vol: 10.09 (g/ml) G Lab File ID: BN02374.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 8.95 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 9

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-74-2	Dibutyl phthalate	18.97	4000	JN
2. 001454-84-8	1-Nonadecanol	24.38	4700	JN
3.	unknown	25.90	990	J
4.	unknown	26.89	1200	J
5. 006624-79-9	1-Dotriacontanol	27.31	2300	JN
6. 000544-85-4	Dotriacontane	28.58	1800	JN
7. 019047-85-9	Phosphonic acid, dioctadecyl est	28.64	1200	JN
8.	unknown	29.53	1300	J
9. 000000-00-0	10-Methylnonadecane	29.88	1000	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-192**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.06

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02375.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 8.32 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-192**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.06

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02375.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 8.32 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	200	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	440	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	420	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	220	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	370	J
117-81-7	bis(2-Ethylhexyl)phthalate	210	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	250	J
207-08-9	Benzo[k]fluoranthene	240	J
50-32-8	Benzo[a]pyrene	260	J
193-39-5	Indeno[1,2,3-cd]pyrene	150	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	120	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-192**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.06

Sample wt/vol: 10.12 (g/ml) G Lab File ID: BN02375.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 8.32 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 3

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.96	1900	J
2. 000630-06-8	Hexatriacontane	28.58	1200	JN
3. 007390-81-0	Oxirane, hexadecyl-	29.54	980	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-193**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02376.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.06 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-193**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02376.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.06 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	490	J
120-12-7	Anthracene	270	J
84-74-2	Di-n-butylphthalate	830	JB
206-44-0	Fluoranthene	790	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	820	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	420	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	J
117-81-7	bis(2-Ethylhexyl)phthalate	140	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	690	J
207-08-9	Benzo[k]fluoranthene	570	J
50-32-8	Benzo[a]pyrene	400	J
193-39-5	Indeno[1,2,3-cd]pyrene	230	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	180	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-193**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.08

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02376.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.06 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 7

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-74-2	Dibutyl phthalate	18.96	1200	JN
2. 006624-79-9	1-Dotriacontanol	25.90	1800	JN
3. 002765-11-9	Pentadecanal-	26.90	1600	JN
4. 000544-85-4	Dotriacontane	28.59	2900	JN
5.	unknown	28.64	1600	J
6. 007390-81-0	Oxirane, hexadecyl-	29.54	1800	JN
7.	unknown	29.88	2200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-194**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN02377.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 14.4 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	220	J
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	340	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-194**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN02377.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 14.4 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1300	
120-12-7	Anthracene	390	J
84-74-2	Di-n-butylphthalate	400	JB
206-44-0	Fluoranthene	2500	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	2600	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1500	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	2300	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1300	
207-08-9	Benzo[k]fluoranthene	1600	
50-32-8	Benzo[a]pyrene	1800	
193-39-5	Indeno[1,2,3-cd]pyrene	820	J
53-70-3	Dibenz[a,h]anthracene	430	J
191-24-2	Benzo[g,h,i]perylene	660	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-194**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.10

Sample wt/vol: 10.26 (g/ml) G Lab File ID: BN02377.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 14.4 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 2

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 006624-79-9	1-Dotriacontanol	25.90	1600	JN
2.	unknown	27.19	1200	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-195**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.12

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN02378.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.96 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	210	J
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	140	J
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	240	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-195**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.12

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN02378.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.96 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	140	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	180	J
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	2000	
120-12-7	Anthracene	700	J
84-74-2	Di-n-butylphthalate	240	JB
206-44-0	Fluoranthene	3900	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	3800	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	2600	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	3200	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	2500	
207-08-9	Benzo[k]fluoranthene	1900	
50-32-8	Benzo[a]pyrene	2600	
193-39-5	Indeno[1,2,3-cd]pyrene	1200	
53-70-3	Dibenz[a,h]anthracene	540	J
191-24-2	Benzo[g,h,i]perylene	860	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-195**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.12

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN02378.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.96 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 5

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000089-18-9	1,2-Benzenedicarboxylic acid, but	18.97	1600	JN
2. 000243-17-4	11H-Benzo[b]fluorene	22.28	1500	JN
3.	unknown	23.80	1200	J
4. 002381-31-9	Benz[a]anthracene, 8-methyl-	25.26	1100	JN
5.	unknown	27.22	1700	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-196**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.14

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BN02379.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.74 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	570	J
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	400	J
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	260	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-196**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.14

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BN02379.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.74 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	600	J
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	520	J
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	910	J
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	3300	
120-12-7	Anthracene	1300	
84-74-2	Di-n-butylphthalate	160	JB
206-44-0	Fluoranthene	4000	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	4100	
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	2600	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	2900	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	2300	
207-08-9	Benzo[k]fluoranthene	1600	
50-32-8	Benzo[a]pyrene	2500	
193-39-5	Indeno[1,2,3-cd]pyrene	1100	
53-70-3	Dibenz[a,h]anthracene	550	J
191-24-2	Benzo[g,h,i]perylene	870	J

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-196**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.14

Sample wt/vol: 9.99 (g/ml) G Lab File ID: BN02379.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.74 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

Number TICs found: 4

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-74-2	Dibutyl phthalate	18.97	1100	JN
2.	unknown	19.54	980	J
3.	unknown	26.88	1100	J
4.	unknown	27.22	1800	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-197**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.16

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02380.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 12.73 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	530	J
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	520	J
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	300	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-197**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.16

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02380.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 12.73 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	2000	
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1300	
100-02-7	4-Nitrophenol	2000	
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	2700	
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	9600	
120-12-7	Anthracene	4300	
84-74-2	Di-n-butylphthalate	580	JB
206-44-0	Fluoranthene	12000	
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	15000	E
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	10000	
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	12000	
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	10000	
207-08-9	Benzo[k]fluoranthene	3100	
50-32-8	Benzo[a]pyrene	8600	
193-39-5	Indeno[1,2,3-cd]pyrene	4500	
53-70-3	Dibenz[a,h]anthracene	3000	
191-24-2	Benzo[g,h,i]perylene	3000	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-197**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.16

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02380.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 12.73 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 25

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000132-65-0	Dibenzothiophene	17.84	1100	JN
2. 017851-53-5	1,2-Benzenedicarboxylic acid, but	18.98	2900	JN
3. 000613-12-7	Anthracene, 2-methyl-	19.31	1900	JN
4.	unknown	19.38	2000	J
5.	unknown	19.46	990	J
6. 000203-64-5	4H-Cyclopenta[def]phenanthrene	19.56	3200	JN
7. 000610-48-0	Anthracene, 1-methyl-	19.62	1200	JN
8.	unknown	20.06	1800	J
9. 003674-66-6	Phenanthrene, 2,5-dimethyl-	20.67	1100	JN
10. 010544-50-0	Sulfur, mol. (S8)	20.78	6600	JN
11. 000238-84-6	11H-Benzo[a]fluorene	22.31	1900	JN
12. 000203-12-3	Benzo[ghi]fluoranthene	23.82	1500	JN
13. 025732-74-5	3,4-Dihydrocyclopenta(cd)pyrene	24.58	1100	JN
14. 003351-32-4	2-Methylchrysene	25.29	1000	JN
15.	unknown	26.92	2700	J
16. 016227-04-6	4-Hydroxy-5-methyl-3-phenyl-.del	27.15	1900	JN
17. 000198-55-0	Perylene	27.26	5900	JN
18. 005025-36-5	Phenanthrene, 3,6-dimethoxy-9,1	27.60	1100	JN
19. 003343-10-0	Benz[j]aceanthrylene, 3-methyl-	27.80	1100	JN
20. 016587-58-9	Benzo[1,2-b:4,3-b']dithiophene, 1-	28.01	1000	JN
21. 003308-64-3	Benz[j]aceanthrylen-2-ol, 1,2-dihy	29.08	1700	JN
22. 000191-24-2	Benzo[ghi]perylene	29.24	1700	JN
23. 000053-70-3	Dibenz[a,h]anthracene	29.65	1400	JN
24.	unknown	29.72	1100	J
25. 000191-24-2	Benzo[ghi]perylene	30.14	1200	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-197**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.16

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02409.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 12.73 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	11000	U
62-75-9	N-nitroso-dimethylamine	11000	U
62-53-3	Aniline	11000	U
108-95-2	Phenol	11000	U
111-44-4	bis(2-Chloroethyl)ether	11000	U
95-57-8	2-Chlorophenol	11000	U
541-73-1	1,3-Dichlorobenzene	11000	U
106-46-7	1,4-Dichlorobenzene	11000	U
100-51-6	Benzyl alcohol	11000	U
95-50-1	1,2-Dichlorobenzene	11000	U
	2-Methylphenol	11000	U
108-60-1	bis(2-chloroisopropyl)ether	11000	U
	4-Methylphenol	11000	U
621-64-7	n-Nitroso-di-n-propylamine	11000	U
67-72-1	Hexachloroethane	11000	U
98-95-3	Nitrobenzene	11000	U
78-59-1	Isophorone	11000	U
88-75-5	2-Nitrophenol	11000	U
105-67-9	2,4-Dimethylphenol	11000	U
111-91-1	bis(2-Chloroethoxy)methane	11000	U
120-83-2	2,4-Dichlorophenol	11000	U
65-85-0	Benzoic Acid	11000	U
120-82-1	1,2,4-Trichlorobenzene	11000	U
91-20-3	Naphthalene	11000	U
106-47-8	4-Chloroaniline	11000	U
87-68-3	Hexachlorobutadiene	11000	U
59-50-7	4-Chloro-3-methylphenol	11000	U
91-57-6	2-Methylnaphthalene	11000	U
77-47-4	Hexachlorocyclopentadiene	11000	U
88-06-2	2,4,6-Trichlorophenol	11000	U
	2,4,5-Trichlorophenol	11000	U
91-58-7	2-Chloronaphthalene	11000	U
88-74-4	2-Nitroaniline	11000	U
131-11-3	Dimethylphthalate	11000	U
208-96-8	Acenaphthylene	11000	U
606-20-2	2,6-Dinitrotoluene	11000	U
99-09-2	3-Nitroaniline	11000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-197**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.16

Sample wt/vol: 10.16 (g/ml) G Lab File ID: BN02409.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 12.73 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 10.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	2400	JD
51-28-5	2,4-Dinitrophenol	11000	U
132-64-9	Dibenzofuran	1600	JD
100-02-7	4-Nitrophenol	11000	U
121-14-2	2,4-Dinitrotoluene	11000	U
84-66-2	Diethylphthalate	11000	U
86-73-7	Fluorene	3200	JD
7005-72-3	4-Chlorophenyl-phenylether	11000	U
100-01-6	4-Nitroaniline	11000	U
534-52-1	4,6-Dinitro-2-methylphenol	11000	U
86-30-6	n-Nitrosodiphenylamine	11000	U
103-33-3	Azobenzene	11000	U
101-55-3	4-Bromophenyl-phenylether	11000	U
118-74-1	Hexachlorobenzene	11000	U
87-86-5	Pentachlorophenol	11000	U
85-01-8	Phenanthrene	22000	D
120-12-7	Anthracene	7200	JD
84-74-2	Di-n-butylphthalate	11000	U
206-44-0	Fluoranthene	31000	D
92-87-5	Benzidine	11000	U
129-00-0	Pyrene	26000	D
85-68-7	Butylbenzylphthalate	11000	U
56-55-3	Benzo[a]anthracene	14000	D
91-94-1	3,3'-Dichlorobenzidine	11000	U
218-01-9	Chrysene	20000	D
117-81-7	bis(2-Ethylhexyl)phthalate	11000	U
117-84-0	Di-n-octylphthalate	11000	U
205-99-2	Benzo[b]fluoranthene	11000	JD
207-08-9	Benzo[k]fluoranthene	12000	D
50-32-8	Benzo[a]pyrene	13000	D
193-39-5	Indeno[1,2,3-cd]pyrene	7200	JD
53-70-3	Dibenz[a,h]anthracene	3100	JD
191-24-2	Benzo[g,h,i]perylene	5700	JD

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-198**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02381.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 9.19 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-198**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02381.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 9.19 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	290	J
120-12-7	Anthracene	280	J
84-74-2	Di-n-butylphthalate	430	JB
206-44-0	Fluoranthene	460	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	400	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	180	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	320	J
117-81-7	bis(2-Ethylhexyl)phthalate	11000	
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	180	J
207-08-9	Benzo[k]fluoranthene	190	J
50-32-8	Benzo[a]pyrene	140	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-198**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.18

Sample wt/vol: 10.03 (g/ml) G Lab File ID: BN02381.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 9.19 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 10 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.82	1000	JN
2. 006624-79-9	1-Dotriacontanol	25.90	1800	JN
3. 000192-65-4	Naphtho[1,2,3,4-def]chrysene	26.43	1200	JN
4. 056554-89-3	14-Octadecenal	26.90	2100	JN
5. 006624-79-9	1-Dotriacontanol	27.31	3800	JN
6.	unknown	28.24	980	J
7. 000630-06-8	Hexatriacontane	28.59	2700	JN
8. 006971-40-0	17-Pentatriacontene	28.64	1600	JN
9. 002765-11-9	Pentadecanal-	29.54	1700	JN
10. 000630-06-8	Hexatriacontane	29.88	2100	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-199**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.20

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN02382.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.23 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-199**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.20

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN02382.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.23 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	460	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	5600	B
206-44-0	Fluoranthene	370	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	520	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	170	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	370	J
117-81-7	bis(2-Ethylhexyl)phthalate	180	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	130	J
207-08-9	Benzo[k]fluoranthene	150	J
50-32-8	Benzo[a]pyrene	110	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-199**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.20

Sample wt/vol: 10.19 (g/ml) G Lab File ID: BN02382.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.23 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 15

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	17.49	1900	J
2.	unknown	17.62	1400	J
3. 000084-74-2	Dibutyl phthalate	18.97	2900	JN
4. 000057-10-3	Hexadecanoic acid	19.84	2700	JN
5. 000057-11-4	Octadecanoic acid	21.67	950	JN
6. 002461-18-9	Oxirane, [(dodecyloxy)methyl]-	25.90	2100	JN
7.	unknown	26.44	1300	J
8. 002765-11-9	Pentadecanal-	26.90	1400	JN
9. 000630-06-8	Hexatriacontane	27.30	2400	JN
10.	unknown	28.25	890	J
11. 000544-85-4	Dotriacontane	28.59	3000	JN
12. 006971-40-0	17-Pentatriacontene	28.64	2000	JN
13. 002765-11-9	Pentadecanal-	29.54	1900	JN
14. 000630-06-8	Hexatriacontane	29.89	1700	JN
15.	unknown	29.93	890	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-200**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.22

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02383.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.18 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-200**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.22

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02383.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.18 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	610	J
120-12-7	Anthracene	160	J
84-74-2	Di-n-butylphthalate	810	JB
206-44-0	Fluoranthene	540	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	430	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	200	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	290	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	140	J
207-08-9	Benzo[k]fluoranthene	160	J
50-32-8	Benzo[a]pyrene	160	J
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-200**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.22

Sample wt/vol: 10 (g/ml) G Lab File ID: BN02383.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.18 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-74-2	Dibutyl phthalate	18.96	1500	JN
2. 000506-51-4	1-Tetracosanol	25.90	1000	JN
3.	unknown	28.63	1100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-201**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.24

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02384.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 11.62 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1800	
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1600	
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	660	J
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-201**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.24

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02384.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 11.62 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	4100	
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	3500	
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	5100	
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	17000	E
120-12-7	Anthracene	7500	
84-74-2	Di-n-butylphthalate	410	JB
206-44-0	Fluoranthene	18000	E
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	24000	E
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	16000	E
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	18000	E
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	15000	E
207-08-9	Benzo[k]fluoranthene	3700	
50-32-8	Benzo[a]pyrene	12000	
193-39-5	Indeno[1,2,3-cd]pyrene	6200	
53-70-3	Dibenz[a,h]anthracene	3100	
191-24-2	Benzo[g,h,i]perylene	4200	

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-201**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.24

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02384.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 11.62 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

Number TICs found: 25 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	12.48	1000	J
2. 000575-41-7	Naphthalene, 1,3-dimethyl-	13.91	1300	JN
3.	unknown	16.15	1200	J
4. 007320-53-8	Dibenzofuran, 4-methyl-	16.37	1200	JN
5.	unknown	19.57	1300	J
6. 000243-42-5	Benzo[b]naphtho[2,3-d]furan	21.79	1400	JN
7. 003442-78-2	Pyrene, 2-methyl-	22.32	2000	JN
8. 000243-17-4	11H-Benzo[b]fluorene	22.47	1400	JN
9. 000082-05-3	7H-Benz[de]anthracen-7-one	23.52	1300	JN
10.	unknown	23.84	2200	J
11. 025732-74-5	3,4-Dihydrocyclopenta(cd)pyrene	24.60	1600	JN
12. 034777-33-8	Benzo(c)carbazole	24.82	1300	JN
13. 003351-28-8	Chrysene, 1-methyl-	25.30	1600	JN
14. 094154-49-1	4,6'-Biazulenyl	26.40	1100	JN
15.	unknown	26.93	3900	J
16.	unknown	27.15	2200	J
17.	unknown	27.27	7500	J
18.	unknown	27.61	1600	J
19.	unknown	27.81	1400	J
20.	unknown	28.17	1100	J
21.	unknown	29.08	1900	J
22. 000193-39-5	Indeno[1,2,3-cd]pyrene	29.24	2200	JN
23. 000053-70-3	Dibenz[a,h]anthracene	29.66	1500	JN
24. 000053-70-3	Dibenz[a,h]anthracene	29.72	1400	JN
25. 000191-26-4	Dibenzo[def,mno]chrysene	30.14	1700	JN

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-201**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.24

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02410.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 11.62 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	23000	U
62-75-9	N-nitroso-dimethylamine	23000	U
62-53-3	Aniline	23000	U
108-95-2	Phenol	23000	U
111-44-4	bis(2-Chloroethyl)ether	23000	U
95-57-8	2-Chlorophenol	23000	U
541-73-1	1,3-Dichlorobenzene	23000	U
106-46-7	1,4-Dichlorobenzene	23000	U
100-51-6	Benzyl alcohol	23000	U
95-50-1	1,2-Dichlorobenzene	23000	U
	2-Methylphenol	23000	U
108-60-1	bis(2-chloroisopropyl)ether	23000	U
	4-Methylphenol	23000	U
621-64-7	n-Nitroso-di-n-propylamine	23000	U
67-72-1	Hexachloroethane	23000	U
98-95-3	Nitrobenzene	23000	U
78-59-1	Isophorone	23000	U
88-75-5	2-Nitrophenol	23000	U
105-67-9	2,4-Dimethylphenol	23000	U
111-91-1	bis(2-Chloroethoxy)methane	23000	U
120-83-2	2,4-Dichlorophenol	23000	U
65-85-0	Benzoic Acid	23000	U
120-82-1	1,2,4-Trichlorobenzene	23000	U
91-20-3	Naphthalene	23000	U
106-47-8	4-Chloroaniline	23000	U
87-68-3	Hexachlorobutadiene	23000	U
59-50-7	4-Chloro-3-methylphenol	23000	U
91-57-6	2-Methylnaphthalene	23000	U
77-47-4	Hexachlorocyclopentadiene	23000	U
88-06-2	2,4,6-Trichlorophenol	23000	U
	2,4,5-Trichlorophenol	23000	U
91-58-7	2-Chloronaphthalene	23000	U
88-74-4	2-Nitroaniline	23000	U
131-11-3	Dimethylphthalate	23000	U
208-96-8	Acenaphthylene	23000	U
606-20-2	2,6-Dinitrotoluene	23000	U
99-09-2	3-Nitroaniline	23000	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-201**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.24

Sample wt/vol: 10.01 (g/ml) G Lab File ID: BN02410.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 11.62 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/18/98

Injection Volume: 1.0 (uL) Dilution Factor: 20.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	5100	JD
51-28-5	2,4-Dinitrophenol	23000	U
132-64-9	Dibenzofuran	4200	JD
100-02-7	4-Nitrophenol	23000	U
121-14-2	2,4-Dinitrotoluene	23000	U
84-66-2	Diethylphthalate	23000	U
86-73-7	Fluorene	6700	JD
7005-72-3	4-Chlorophenyl-phenylether	23000	U
100-01-6	4-Nitroaniline	23000	U
534-52-1	4,6-Dinitro-2-methylphenol	23000	U
86-30-6	n-Nitrosodiphenylamine	23000	U
103-33-3	Azobenzene	23000	U
101-55-3	4-Bromophenyl-phenylether	23000	U
118-74-1	Hexachlorobenzene	23000	U
87-86-5	Pentachlorophenol	23000	U
85-01-8	Phenanthrene	43000	D
120-12-7	Anthracene	13000	JD
84-74-2	Di-n-butylphthalate	23000	U
206-44-0	Fluoranthene	49000	D
92-87-5	Benzidine	23000	U
129-00-0	Pyrene	40000	D
85-68-7	Butylbenzylphthalate	23000	U
56-55-3	Benzo[a]anthracene	20000	JD
91-94-1	3,3'-Dichlorobenzidine	23000	U
218-01-9	Chrysene	28000	D
117-81-7	bis(2-Ethylhexyl)phthalate	23000	U
117-84-0	Di-n-octylphthalate	23000	U
205-99-2	Benzo[b]fluoranthene	14000	JD
207-08-9	Benzo[k]fluoranthene	15000	JD
50-32-8	Benzo[a]pyrene	18000	JD
193-39-5	Indeno[1,2,3-cd]pyrene	9900	JD
53-70-3	Dibenz[a,h]anthracene	4500	JD
191-24-2	Benzo[g,h,i]perylene	8100	JD

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-202**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.26

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02385.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.74 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-202**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.26

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02385.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.74 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	370	J
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	420	JB
206-44-0	Fluoranthene	830	J
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	760	J
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	390	J
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	620	J
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	390	J
207-08-9	Benzo[k]fluoranthene	390	J
50-32-8	Benzo[a]pyrene	410	J
193-39-5	Indeno[1,2,3-cd]pyrene	140	J
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-202**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.26

Sample wt/vol: 10.13 (g/ml) G Lab File ID: BN02385.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 13.74 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 5

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000057-10-3	Hexadecanoic acid	19.82	1300	JN
2.	unknown	25.90	1200	J
3.	unknown	26.89	1200	J
4. 007098-21-7	Tritetracontane	28.58	1300	JN
5.	unknown	28.64	1400	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-203**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.28

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02386.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 12.91 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-203**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.28

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02386.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 12.91 decanted:(Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NO.	COMPOUND		Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1000	JB
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	160	J
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-203**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.28

Sample wt/vol: 10.08 (g/ml) G Lab File ID: BN02386.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 12.91 decanted: (Y/N) N Date Extracted: 11/19/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-74-2	Dibutyl phthalate	18.96	1900	JN
2. 000057-10-3	Hexadecanoic acid	19.82	1300	JN
3. 000112-92-5	1-Octadecanol	24.39	6300	JN
4. 006624-79-9	1-Dotriacontanol	25.90	1400	JN
5. 006624-79-9	1-Dotriacontanol	27.31	1900	JN
6. 007098-22-8	Tetratetracontane	28.59	1500	JN
7. 000112-92-5	1-Octadecanol	28.64	1700	JN
8.	unknown	29.53	930	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-204**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.30

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02387.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.09 decanted:(Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Field ID: **B-204**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.30

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02387.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.09 decanted:(Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1200	B
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Field ID: **B-204**

Lab Name: FMETL Lab Cod 13461

Project: 980211 Case No.: 4067 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4067.30

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BN02387.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 10.09 decanted: (Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/17/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 8

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	unknown	18.98	6400	J
2. 001454-84-8	1-Nonadecanol	24.38	6000	JN
3. 006624-79-9	1-Dotriacontanol	25.90	1200	JN
4. 006971-40-0	17-Pentatriacontene	27.31	1500	JN
5. 001454-84-8	1-Nonadecanol	28.64	2400	JN
6. 000057-88-5	Cholesterol	28.91	5400	JN
7.	unknown	29.17	1500	J
8.	unknown	29.97	1100	J

1B

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-205

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01576.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 11.81 decanted:(Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
110-86-1	Pyridine	1100	U
62-75-9	N-nitroso-dimethylamine	1100	U
62-53-3	Aniline	1100	U
108-95-2	Phenol	1100	U
111-44-4	bis(2-Chloroethyl)ether	1100	U
95-57-8	2-Chlorophenol	1100	U
541-73-1	1,3-Dichlorobenzene	1100	U
106-46-7	1,4-Dichlorobenzene	1100	U
100-51-6	Benzyl alcohol	1100	U
95-50-1	1,2-Dichlorobenzene	1100	U
	2-Methylphenol	1100	U
108-60-1	bis(2-chloroisopropyl)ether	1100	U
	4-Methylphenol	1100	U
621-64-7	n-Nitroso-di-n-propylamine	1100	U
67-72-1	Hexachloroethane	1100	U
98-95-3	Nitrobenzene	1100	U
78-59-1	Isophorone	1100	U
88-75-5	2-Nitrophenol	1100	U
105-67-9	2,4-Dimethylphenol	1100	U
111-91-1	bis(2-Chloroethoxy)methane	1100	U
120-83-2	2,4-Dichlorophenol	1100	U
65-85-0	Benzoic Acid	1100	U
120-82-1	1,2,4-Trichlorobenzene	1100	U
91-20-3	Naphthalene	1100	U
106-47-8	4-Chloroaniline	1100	U
87-68-3	Hexachlorobutadiene	1100	U
59-50-7	4-Chloro-3-methylphenol	1100	U
91-57-6	2-Methylnaphthalene	1100	U
77-47-4	Hexachlorocyclopentadiene	1100	U
88-06-2	2,4,6-Trichlorophenol	1100	U
	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	1100	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	1100	U
208-96-8	Acenaphthylene	1100	U
606-20-2	2,6-Dinitrotoluene	1100	U
99-09-2	3-Nitroaniline	1100	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

FIELD ID.

B-205

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01576.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 11.81 decanted:(Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) UG/KG	Q
83-32-9	Acenaphthene	1100	U
51-28-5	2,4-Dinitrophenol	1100	U
132-64-9	Dibenzofuran	1100	U
100-02-7	4-Nitrophenol	1100	U
121-14-2	2,4-Dinitrotoluene	1100	U
84-66-2	Diethylphthalate	1100	U
86-73-7	Fluorene	1100	U
7005-72-3	4-Chlorophenyl-phenylether	1100	U
100-01-6	4-Nitroaniline	1100	U
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	n-Nitrosodiphenylamine	1100	U
103-33-3	Azobenzene	1100	U
101-55-3	4-Bromophenyl-phenylether	1100	U
118-74-1	Hexachlorobenzene	1100	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	1100	U
120-12-7	Anthracene	1100	U
84-74-2	Di-n-butylphthalate	1100	U
206-44-0	Fluoranthene	1100	U
92-87-5	Benzidine	1100	U
129-00-0	Pyrene	1100	U
85-68-7	Butylbenzylphthalate	1100	U
56-55-3	Benzo[a]anthracene	1100	U
91-94-1	3,3'-Dichlorobenzidine	1100	U
218-01-9	Chrysene	1100	U
117-81-7	bis(2-Ethylhexyl)phthalate	1100	U
117-84-0	Di-n-octylphthalate	1100	U
205-99-2	Benzo[b]fluoranthene	1100	U
207-08-9	Benzo[k]fluoranthene	1100	U
50-32-8	Benzo[a]pyrene	1100	U
193-39-5	Indeno[1,2,3-cd]pyrene	1100	U
53-70-3	Dibenz[a,h]anthracene	1100	U
191-24-2	Benzo[g,h,i]perylene	1100	U

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

FIELD ID.

B-205

Lab Name: FMETL NJDEP: 13461

Project: 980211 Case No.: 4068 Location: M-3 SDG No.:

Matrix: (soil/water) SOIL Lab Sample ID: 4068.02

Sample wt/vol: 10.06 (g/ml) G Lab File ID: BNA01576.D

Level: (low/med) LOW Date Received: 11/18/98

% Moisture: 11.81 decanted: (Y/N) N Date Extracted: 11/30/98

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 12/09/98

Injection Volume: 1.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 7

CONCENTRATION UNITS:

Number TICs found: 2 (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 000084-69-5	1,2-Benzenedicarboxylic acid, bis	18.58	2800	JN
2. 001599-67-3	1-Docosene	24.04	5600	JN

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK206
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/19/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK208
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK221
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK223
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK225
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK226 10/28/98 11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK228 10/30/98 11/27/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK231
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK233 11/6/98 12/7/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081/8082 Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK240
	DPW. SELFM-PW-EV	**Date Rec'd:**	*
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK241
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK242
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK243
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	BLK244
	DPW. SELFM-PW-EV	**Date Rec'd:**	
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	BLK250 11/23/98 11/25/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081/8082 Soil D. Wright	**Location :** **Field ID:**	

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	100.00	0.0003	ND	NLE
beta-BHC	1	100.00	0.0003	ND	NLE
gamma-BHC	1	100.00	0.0004	ND	0.52
delta-BHC	1	100.00	0.0004	ND	NLE
Heptachlor	1	100.00	0.0003	ND	0.15
Aldrin	1	100.00	0.0004	ND	0.04
Heptachlor Epoxide	1	100.00	0.0006	ND	NLE
Endosulfan I	1	100.00	0.0005	ND	NLE
4,4'-DDE	1	100.00	0.0004	ND	2
Dieldrin	1	100.00	0.0005	ND	0.042
Endrin	1	100.00	0.0005	ND	17
Endosulfan II	1	100.00	0.0004	ND	NLE
4,4'-DDD	1	100.00	0.0006	ND	3
Endrin Aldehyde	1	100.00	0.0005	ND	NLE
4,4'-DDT	1	100.00	0.0011	ND	2
Endosulfan-Sulfate	1	100.00	0.0004	ND	NLE
gamma -Chlordane	1	100.00	0.0005	ND	NLE
alpha-Chlordane	1	100.00	0.0005	ND	NLE
Toxaphene	1	100.00	0.0003	ND	0.1
Arochlor 1016	1	100.00	0.0112	ND	0.49
Arochlor 1221	1	100.00	0.0206	ND	0.49
Arochlor 1232	1	100.00	0.0140	ND	0.49
Arochlor 1242	1	100.00	0.0160	ND	0.49
Arochlor 1248	1	100.00	0.0064	ND	0.49
Arochlor 1254	1	100.00	0.0040	ND	0.49
Arochlor 1260	1	100.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25u

FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.93	0.0003	ND	NLE
beta-BHC	1	88.93	0.0003	ND	NLE
gamma-BHC	1	88.93	0.0004	ND	0.52
delta-BHC	1	88.93	0.0004	ND	NLE
Heptachlor	1	88.93	0.0003	ND	0.15
Aldrin	1	88.93	0.0004	ND	0.04
Heptachlor Epoxide	1	88.93	0.0006	ND	NLE
Endosulfan I	1	88.93	0.0005	ND	NLE
4,4'-DDE	1	88.93	0.0004	0.029	2
Dieldrin	1	88.93	0.0005	ND	0.042
Endrin	1	88.93	0.0005	ND	17
Endosulfan II	1	88.93	0.0004	ND	NLE
4,4'-DDD	1	88.93	0.0006	0.017	3
Endrin Aldehyde	1	88.93	0.0005	ND	NLE
4,4'-DDT	1	88.93	0.0011	0.068	2
Endosulfan-Sulfate	1	88.93	0.0004	ND	NLE
gamma -Chlordane	1	88.93	0.0005	ND	NLE
alpha-Chlordane	1	88.93	0.0005	ND	NLE
Toxaphene	1	88.93	0.0003	ND	0.1
Arochlor 1016	1	88.93	0.0116	ND	0.49
Arochlor 1221	1	88.93	0.0213	ND	0.49
Arochlor 1232	1	88.93	0.0144	ND	0.49
Arochlor 1242	1	88.93	0.0165	ND	0.49
Arochlor 1248	1	88.93	0.0066	ND	0.49
Arochlor 1254	1	88.93	0.0041	ND	0.49
Arochlor 1260	1	88.93	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.42
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.23	0.0003	ND	NLE
beta-BHC	1	84.23	0.0003	ND	NLE
gamma-BHC	1	84.23	0.0005	ND	0.52
delta-BHC	1	84.23	0.0005	ND	NLE
Heptachlor	1	84.23	0.0003	ND	0.15
Aldrin	1	84.23	0.0005	ND	0.04
Heptachlor Epoxide	1	84.23	0.0007	ND	NLE
Endosulfan I	1	84.23	0.0006	ND	NLE
4,4'-DDE	1	84.23	0.0005	0.018	2
Dieldrin	1	84.23	0.0006	ND	0.042
Endrin	1	84.23	0.0006	ND	17
Endosulfan II	1	84.23	0.0005	ND	NLE
4,4'-DDD	1	84.23	0.0007	ND	3
Endrin Aldehyde	1	84.23	0.0006	ND	NLE
4,4'-DDT	1	84.23	0.0013	0.022	2
Endosulfan-Sulfate	1	84.23	0.0005	ND	NLE
gamma -Chlordane	1	84.23	0.0006	ND	NLE
alpha-Chlordane	1	84.23	0.0006	ND	NLE
Toxaphene	1	84.23	0.0003	ND	0.1
Arochlor 1016	1	84.23	0.0129	ND	0.49
Arochlor 1221	1	84.23	0.0237	ND	0.49
Arochlor 1232	1	84.23	0.0161	ND	0.49
Arochlor 1242	1	84.23	0.0184	ND	0.49
Arochlor 1248	1	84.23	0.0074	ND	0.49
Arochlor 1254	1	84.23	0.0046	ND	0.49
Arochlor 1260	1	84.23	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.13	0.0003	ND	NLE
beta-BHC	1	89.13	0.0003	ND	NLE
gamma-BHC	1	89.13	0.0004	ND	0.52
delta-BHC	1	89.13	0.0004	ND	NLE
Heptachlor	1	89.13	0.0003	ND	0.15
Aldrin	1	89.13	0.0004	ND	0.04
Heptachlor Epoxide	1	89.13	0.0006	ND	NLE
Endosulfan I	1	89.13	0.0005	ND	NLE
4,4'-DDE	1	89.13	0.0004	0.037	2
Dieldrin	1	89.13	0.0005	ND	0.042
Endrin	1	89.13	0.0005	ND	17
Endosulfan II	1	89.13	0.0004	ND	NLE
4,4'-DDD	1	89.13	0.0006	0.015	3
Endrin Aldehyde	1	89.13	0.0005	ND	NLE
4,4'-DDT	1	89.13	0.0012	0.059	2
Endosulfan-Sulfate	1	89.13	0.0004	ND	NLE
gamma -Chlordane	1	89.13	0.0005	ND	NLE
alpha-Chlordane	1	89.13	0.0005	ND	NLE
Toxaphene	1	89.13	0.0003	ND	0.1
Arochlor 1016	1	89.13	0.0118	ND	0.49
Arochlor 1221	1	89.13	0.0218	ND	0.49
Arochlor 1232	1	89.13	0.0148	ND	0.49
Arochlor 1242	1	89.13	0.0169	ND	0.49
Arochlor 1248	1	89.13	0.0068	ND	0.49
Arochlor 1254	1	89.13	0.0042	ND	0.49
Arochlor 1260	1	89.13	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.01	0.0003	ND	NLE
beta-BHC	1	88.01	0.0003	ND	NLE
gamma-BHC	1	88.01	0.0004	ND	0.52
delta-BHC	1	88.01	0.0004	ND	NLE
Heptachlor	1	88.01	0.0003	ND	0.15
Aldrin	1	88.01	0.0004	ND	0.04
Heptachlor Epoxide	1	88.01	0.0007	ND	NLE
Endosulfan I	1	88.01	0.0006	ND	NLE
4,4'-DDE	5	88.01	0.0022	0.430	2
Dieldrin	1	88.01	0.0006	ND	0.042
Endrin	1	88.01	0.0006	ND	17
Endosulfan II	1	88.01	0.0004	ND	NLE
4,4'-DDD	5	88.01	0.0033	0.095	3
Endrin Aldehyde	1	88.01	0.0006	ND	NLE
4,4'-DDT	5	88.01	0.0061	0.413	2
Endosulfan-Sulfate	1	88.01	0.0004	ND	NLE
gamma -Chlordane	1	88.01	0.0006	0.005	NLE
alpha-Chlordane	1	88.01	0.0006	0.005	NLE
Toxaphene	1	88.01	0.0003	ND	0.1
Arochlor 1016	1	88.01	0.0124	ND	0.49
Arochlor 1221	1	88.01	0.0228	ND	0.49
Arochlor 1232	1	88.01	0.0155	ND	0.49
Arochlor 1242	1	88.01	0.0177	ND	0.49
Arochlor 1248	1	88.01	0.0071	ND	0.49
Arochlor 1254	1	88.01	0.0044	ND	0.49
Arochlor 1260	1	88.01	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/8/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.62	0.0016	ND	NLE
beta-BHC	5	91.62	0.0016	ND	NLE
gamma-BHC	5	91.62	0.0022	ND	0.52
delta-BHC	5	91.62	0.0022	ND	NLE
Heptachlor	5	91.62	0.0016	ND	0.15
Aldrin	5	91.62	0.0022	ND	0.04
Heptachlor Epoxide	5	91.62	0.0032	ND	NLE
Endosulfan I	5	91.62	0.0027	ND	NLE
4,4'-DDE	5	91.62	0.0022	0.038	2
Dieldrin	5	91.62	0.0027	ND	0.042
Endrin	5	91.62	0.0027	ND	17
Endosulfan II	5	91.62	0.0022	ND	NLE
4,4'-DDD	5	91.62	0.0032	0.033	3
Endrin Aldehyde	5	91.62	0.0027	ND	NLE
4,4'-DDT	5	91.62	0.0059	0.040	2
Endosulfan-Sulfate	5	91.62	0.0022	ND	NLE
gamma -Chlordane	5	91.62	0.0027	ND	NLE
alpha-Chlordane	5	91.62	0.0027	ND	NLE
Toxaphene	5	91.62	0.0016	ND	0.1
Arochlor 1016	5	91.62	0.0605	ND	0.49
Arochlor 1221	5	91.62	0.1112	ND	0.49
Arochlor 1232	5	91.62	0.0756	ND	0.49
Arochlor 1242	5	91.62	0.0864	ND	0.49
Arochlor 1248	5	91.62	0.0345	ND	0.49
Arochlor 1254	5	91.62	0.0216	ND	0.49
Arochlor 1260	5	91.62	0.0194	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	87.93	0.0016	ND	NLE
beta-BHC	5	87.93	0.0016	ND	NLE
gamma-BHC	5	87.93	0.0022	ND	0.52
delta-BHC	5	87.93	0.0022	ND	NLE
Heptachlor	5	87.93	0.0016	ND	0.15
Aldrin	5	87.93	0.0022	ND	0.04
Heptachlor Epoxide	5	87.93	0.0033	ND	NLE
Endosulfan I	5	87.93	0.0027	ND	NLE
4,4'-DDE	5	87.93	0.0022	0.160	2
Dieldrin	5	87.93	0.0027	ND	0.042
Endrin	5	87.93	0.0027	ND	17
Endosulfan II	5	87.93	0.0022	ND	NLE
4,4'-DDD	5	87.93	0.0033	0.062	3
Endrin Aldehyde	5	87.93	0.0027	ND	NLE
4,4'-DDT	5	87.93	0.0060	0.290	2
Endosulfan-Sulfate	5	87.93	0.0022	ND	NLE
gamma -Chlordane	5	87.93	0.0027	ND	NLE
alpha-Chlordane	5	87.93	0.0027	ND	NLE
Toxaphene	5	87.93	0.0016	ND	0.1
Arochlor 1016	5	87.93	0.0611	ND	0.49
Arochlor 1221	5	87.93	0.1123	ND	0.49
Arochlor 1232	5	87.93	0.0763	ND	0.49
Arochlor 1242	5	87.93	0.0872	ND	0.49
Arochlor 1248	5	87.93	0.0349	ND	0.49
Arochlor 1254	5	87.93	0.0218	ND	0.49
Arochlor 1260	5	87.93	0.0196	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	Field Dup

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	87.75	0.0034	ND	NLE
beta-BHC	10	87.75	0.0034	ND	NLE
gamma-BHC	10	87.75	0.0046	0.198	0.52
delta-BHC	10	87.75	0.0046	ND	NLE
Heptachlor	10	87.75	0.0034	ND	0.15
Aldrin	10	87.75	0.0046	ND	0.04
Heptachlor Epoxide	10	87.75	0.0068	ND	NLE
Endosulfan I	10	87.75	0.0057	ND	NLE
4,4'-DDE	10	87.75	0.0046	0.189	2
Dieldrin	10	87.75	0.0057	ND	0.042
Endrin	10	87.75	0.0057	ND	17
Endosulfan II	10	87.75	0.0046	ND	NLE
4,4'-DDD	10	87.75	0.0068	0.280	3
Endrin Aldehyde	10	87.75	0.0057	ND	NLE
4,4'-DDT	20	87.75	0.0250	0.608	2
Endosulfan-Sulfate	10	87.75	0.0046	ND	NLE
gamma -Chlordane	10	87.75	0.0057	0.011	NLE
alpha-Chlordane	10	87.75	0.0057	0.018	NLE
Toxaphene	10	87.75	0.0034	ND	0.1
Arochlor 1016	10	87.75	0.1275	ND	0.49
Arochlor 1221	10	87.75	0.2345	ND	0.49
Arochlor 1232	10	87.75	0.1594	ND	0.49
Arochlor 1242	10	87.75	0.1822	ND	0.49
Arochlor 1248	10	87.75	0.0729	ND	0.49
Arochlor 1254	10	87.75	0.0455	ND	0.49
Arochlor 1260	10	87.75	0.0410	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

SAMPLES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/19/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	1

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.63	0.0003	ND	NLE
beta-BHC	1	87.63	0.0003	ND	NLE
gamma-BHC	1	87.63	0.0004	ND	0.52
delta-BHC	1	87.63	0.0004	ND	NLE
Heptachlor	1	87.63	0.0003	ND	0.15
Aldrin	1	87.63	0.0004	ND	0.04
Heptachlor Epoxide	1	87.63	0.0007	ND	NLE
Endosulfan I	1	87.63	0.0005	ND	NLE
4,4'-DDE	10	87.63	0.0044	0.728	2
Dieldrin	1	87.63	0.0005	ND	0.042
Endrin	1	87.63	0.0005	ND	17
Endosulfan II	1	87.63	0.0004	ND	NLE
4,4'-DDD	10	87.63	0.0065	0.202	3
Endrin Aldehyde	1	87.63	0.0005	ND	NLE
4,4'-DDT	10	87.63	0.0120	0.500	2
Endosulfan-Sulfate	1	87.63	0.0004	ND	NLE
gamma -Chlordane	1	87.63	0.0005	ND	NLE
alpha-Chlordane	1	87.63	0.0005	ND	NLE
Toxaphene	1	87.63	0.0003	ND	0.1
Arochlor 1016	1	87.63	0.0122	ND	0.49
Arochlor 1221	1	87.63	0.0225	ND	0.49
Arochlor 1232	1	87.63	0.0153	ND	0.49
Arochlor 1242	1	87.63	0.0174	ND	0.49
Arochlor 1248	1	87.63	0.0070	ND	0.49
Arochlor 1254	1	87.63	0.0044	ND	0.49
Arochlor 1260	1	87.63	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/19/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	2

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.94	0.0003	ND	NLE
beta-BHC	1	90.94	0.0003	ND	NLE
gamma-BHC	1	90.94	0.0004	ND	0.52
delta-BHC	1	90.94	0.0004	ND	NLE
Heptachlor	1	90.94	0.0003	ND	0.15
Aldrin	1	90.94	0.0004	ND	0.04
Heptachlor Epoxide	1	90.94	0.0006	ND	NLE
Endosulfan I	1	90.94	0.0005	ND	NLE
4,4'-DDE	10	90.94	0.0042	0.186	2
Dieldrin	1	90.94	0.0005	ND	0.042
Endrin	1	90.94	0.0005	ND	17
Endosulfan II	1	90.94	0.0004	ND	NLE
4,4'-DDD	1	90.94	0.0006	0.016	3
Endrin Aldehyde	1	90.94	0.0005	ND	NLE
4,4'-DDT	10	90.94	0.0117	0.661	2
Endosulfan-Sulfate	1	90.94	0.0004	ND	NLE
gamma -Chlordane	1	90.94	0.0005	ND	NLE
alpha-Chlordane	1	90.94	0.0005	ND	NLE
Toxaphene	1	90.94	0.0003	ND	0.1
Arochlor 1016	1	90.94	0.0119	ND	0.49
Arochlor 1221	1	90.94	0.0218	ND	0.49
Arochlor 1232	1	90.94	0.0148	ND	0.49
Arochlor 1242	1	90.94	0.0170	ND	0.49
Arochlor 1248	1	90.94	0.0068	ND	0.49
Arochlor 1254	1	90.94	0.0042	ND	0.49
Arochlor 1260	1	90.94	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/19/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	3

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.75	0.0003	ND	NLE
beta-BHC	1	89.75	0.0003	ND	NLE
gamma-BHC	1	89.75	0.0004	ND	0.52
delta-BHC	1	89.75	0.0004	ND	NLE
Heptachlor	1	89.75	0.0003	ND	0.15
Aldrin	1	89.75	0.0004	ND	0.04
Heptachlor Epoxide	1	89.75	0.0007	ND	NLE
Endosulfan I	1	89.75	0.0006	ND	NLE
4,4'-DDE	5	89.75	0.0022	0.217	2
Dieldrin	1	89.75	0.0006	ND	0.042
Endrin	1	89.75	0.0006	ND	17
Endosulfan II	1	89.75	0.0004	ND	NLE
4,4'-DDD	1	89.75	0.0007	0.015	3
Endrin Aldehyde	1	89.75	0.0006	ND	NLE
4,4'-DDT	5	89.75	0.0061	0.354	2
Endosulfan-Sulfate	1	89.75	0.0004	ND	NLE
gamma -Chlordane	1	89.75	0.0006	ND	NLE
alpha-Chlordane	1	89.75	0.0006	ND	NLE
Toxaphene	1	89.75	0.0003	ND	0.1
Arochlor 1016	1	89.75	0.0124	ND	0.49
Arochlor 1221	1	89.75	0.0228	ND	0.49
Arochlor 1232	1	89.75	0.0155	ND	0.49
Arochlor 1242	1	89.75	0.0177	ND	0.49
Arochlor 1248	1	89.75	0.0071	ND	0.49
Arochlor 1254	1	89.75	0.0044	ND	0.49
Arochlor 1260	1	89.75	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/19/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	4

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	98.17	0.0003	ND	NLE
beta-BHC	1	98.17	0.0003	ND	NLE
gamma-BHC	1	98.17	0.0004	ND	0.52
delta-BHC	1	98.17	0.0004	ND	NLE
Heptachlor	1	98.17	0.0003	ND	0.15
Aldrin	1	98.17	0.0004	ND	0.04
Heptachlor Epoxide	1	98.17	0.0006	ND	NLE
Endosulfan I	1	98.17	0.0005	ND	NLE
4,4'-DDE	1	98.17	0.0004	0.092	2
Dieldrin	1	98.17	0.0005	ND	0.042
Endrin	1	98.17	0.0005	ND	17
Endosulfan II	1	98.17	0.0004	ND	NLE
4,4'-DDD	1	98.17	0.0006	0.015	3
Endrin Aldehyde	1	98.17	0.0005	ND	NLE
4,4'-DDT	1	98.17	0.0011	0.040	2
Endosulfan-Sulfate	1	98.17	0.0004	ND	NLE
gamma -Chlordane	1	98.17	0.0005	ND	NLE
alpha-Chlordane	1	98.17	0.0005	ND	NLE
Toxaphene	1	98.17	0.0003	ND	0.1
Arochlor 1016	1	98.17	0.0111	ND	0.49
Arochlor 1221	1	98.17	0.0204	ND	0.49
Arochlor 1232	1	98.17	0.0139	ND	0.49
Arochlor 1242	1	98.17	0.0159	ND	0.49
Arochlor 1248	1	98.17	0.0063	ND	0.49
Arochlor 1254	1	98.17	0.0040	ND	0.49
Arochlor 1260	1	98.17	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	5

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	97.80	0.0003	ND	NLE
beta-BHC	1	97.80	0.0003	ND	NLE
gamma-BHC	1	97.80	0.0004	ND	0.52
delta-BHC	1	97.80	0.0004	ND	NLE
Heptachlor	1	97.80	0.0003	ND	0.15
Aldrin	1	97.80	0.0004	ND	0.04
Heptachlor Epoxide	1	97.80	0.0006	ND	NLE
Endosulfan I	1	97.80	0.0005	ND	NLE
4,4'-DDE	2	97.80	0.0008	0.181	2
Dieldrin	1	97.80	0.0005	ND	0.042
Endrin	1	97.80	0.0005	ND	17
Endosulfan II	1	97.80	0.0004	ND	NLE
4,4'-DDD	1	97.80	0.0006	0.002	3
Endrin Aldehyde	1	97.80	0.0005	ND	NLE
4,4'-DDT	1	97.80	0.0011	0.042	2
Endosulfan-Sulfate	1	97.80	0.0004	ND	NLE
gamma -Chlordane	1	97.80	0.0005	ND	NLE
alpha-Chlordane	1	97.80	0.0005	ND	NLE
Toxaphene	1	97.80	0.0003	ND	0.1
Arochlor 1016	1	97.80	0.0109	ND	0.49
Arochlor 1221	1	97.80	0.0201	ND	0.49
Arochlor 1232	1	97.80	0.0137	ND	0.49
Arochlor 1242	1	97.80	0.0156	ND	0.49
Arochlor 1248	1	97.80	0.0063	ND	0.49
Arochlor 1254	1	97.80	0.0039	ND	0.49
Arochlor 1260	1	97.80	0.0035	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	6

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	95.09	0.0003	ND	NLE
beta-BHC	1	95.09	0.0003	ND	NLE
gamma-BHC	1	95.09	0.0004	ND	0.52
delta-BHC	1	95.09	0.0004	ND	NLE
Heptachlor	1	95.09	0.0003	ND	0.15
Aldrin	1	95.09	0.0004	ND	0.04
Heptachlor Epoxide	1	95.09	0.0006	ND	NLE
Endosulfan I	1	95.09	0.0005	ND	NLE
4,4'-DDE	1	95.09	0.0004	0.006	2
Dieldrin	1	95.09	0.0005	ND	0.042
Endrin	1	95.09	0.0005	ND	17
Endosulfan II	1	95.09	0.0004	ND	NLE
4,4'-DDD	1	95.09	0.0006	ND	3
Endrin Aldehyde	1	95.09	0.0005	ND	NLE
4,4'-DDT	1	95.09	0.0011	0.004	2
Endosulfan-Sulfate	1	95.09	0.0004	ND	NLE
gamma -Chlordane	1	95.09	0.0005	ND	NLE
alpha-Chlordane	1	95.09	0.0005	ND	NLE
Toxaphene	1	95.09	0.0003	ND	0.1
Arochlor 1016	1	95.09	0.0114	ND	0.49
Arochlor 1221	1	95.09	0.0210	ND	0.49
Arochlor 1232	1	95.09	0.0143	ND	0.49
Arochlor 1242	1	95.09	0.0163	ND	0.49
Arochlor 1248	1	95.09	0.0065	ND	0.49
Arochlor 1254	1	95.09	0.0041	ND	0.49
Arochlor 1260	1	95.09	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	7

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.38	0.0003	ND	NLE
beta-BHC	1	92.38	0.0003	ND	NLE
gamma-BHC	1	92.38	0.0004	ND	0.52
delta-BHC	1	92.38	0.0004	ND	NLE
Heptachlor	1	92.38	0.0003	ND	0.15
Aldrin	1	92.38	0.0004	ND	0.04
Heptachlor Epoxide	1	92.38	0.0006	ND	NLE
Endosulfan I	1	92.38	0.0005	ND	NLE
4,4'-DDE	1	92.38	0.0004	0.026	2
Dieldrin	1	92.38	0.0005	ND	0.042
Endrin	1	92.38	0.0005	ND	17
Endosulfan II	1	92.38	0.0004	ND	NLE
4,4'-DDD	1	92.38	0.0006	ND	3
Endrin Aldehyde	1	92.38	0.0005	ND	NLE
4,4'-DDT	1	92.38	0.0011	0.016	2
Endosulfan-Sulfate	1	92.38	0.0004	ND	NLE
gamma -Chlordane	1	92.38	0.0005	ND	NLE
alpha-Chlordane	1	92.38	0.0005	ND	NLE
Toxaphene	1	92.38	0.0003	ND	0.1
Arochlor 1016	1	92.38	0.0115	ND	0.49
Arochlor 1221	1	92.38	0.0212	ND	0.49
Arochlor 1232	1	92.38	0.0144	ND	0.49
Arochlor 1242	1	92.38	0.0165	ND	0.49
Arochlor 1248	1	92.38	0.0066	ND	0.49
Arochlor 1254	1	92.38	0.0041	ND	0.49
Arochlor 1260	1	92.38	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	8

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	95.69	0.0003	ND	NLE
beta-BHC	1	95.69	0.0003	ND	NLE
gamma-BHC	1	95.69	0.0004	ND	0.52
delta-BHC	1	95.69	0.0004	ND	NLE
Heptachlor	1	95.69	0.0003	ND	0.15
Aldrin	1	95.69	0.0004	ND	0.04
Heptachlor Epoxide	1	95.69	0.0006	ND	NLE
Endosulfan I	1	95.69	0.0005	ND	NLE
4,4'-DDE	50	95.69	0.0204	1.403	2
Dieldrin	1	95.69	0.0005	ND	0.042
Endrin	1	95.69	0.0005	ND	17
Endosulfan II	1	95.69	0.0004	ND	NLE
4,4'-DDD	1	95.69	0.0006	0.059	3
Endrin Aldehyde	1	95.69	0.0005	ND	NLE
4,4'-DDT	50	95.69	0.0561	1.376	2
Endosulfan-Sulfate	1	95.69	0.0004	ND	NLE
gamma -Chlordane	1	95.69	0.0005	ND	NLE
alpha-Chlordane	1	95.69	0.0005	ND	NLE
Toxaphene	1	95.69	0.0003	ND	0.1
Arochlor 1016	1	95.69	0.0114	ND	0.49
Arochlor 1221	1	95.69	0.0210	ND	0.49
Arochlor 1232	1	95.69	0.0143	ND	0.49
Arochlor 1242	1	95.69	0.0163	ND	0.49
Arochlor 1248	1	95.69	0.0065	ND	0.49
Arochlor 1254	1	95.69	0.0041	ND	0.49
Arochlor 1260	1	95.69	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	9

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.90	0.0003	ND	NLE
beta-BHC	1	89.90	0.0003	ND	NLE
gamma-BHC	1	89.90	0.0004	ND	0.52
delta-BHC	1	89.90	0.0004	ND	NLE
Heptachlor	1	89.90	0.0003	ND	0.15
Aldrin	1	89.90	0.0004	ND	0.04
Heptachlor Epoxide	1	89.90	0.0006	ND	NLE
Endosulfan I	1	89.90	0.0005	ND	NLE
4,4'-DDE	5	89.90	0.0021	0.336	2
Dieldrin	1	89.90	0.0005	ND	0.042
Endrin	1	89.90	0.0005	ND	17
Endosulfan II	1	89.90	0.0004	ND	NLE
4,4'-DDD	1	89.90	0.0006	0.018	3
Endrin Aldehyde	1	89.90	0.0005	ND	NLE
4,4'-DDT	5	89.90	0.0059	0.413	2
Endosulfan-Sulfate	1	89.90	0.0004	ND	NLE
gamma -Chlordane	1	89.90	0.0005	ND	NLE
alpha-Chlordane	1	89.90	0.0005	ND	NLE
Toxaphene	1	89.90	0.0003	ND	0.1
Arochlor 1016	1	89.90	0.0120	ND	0.49
Arochlor 1221	1	89.90	0.0221	ND	0.49
Arochlor 1232	1	89.90	0.0150	ND	0.49
Arochlor 1242	1	89.90	0.0171	ND	0.49
Arochlor 1248	1	89.90	0.0069	ND	0.49
Arochlor 1254	1	89.90	0.0043	ND	0.49
Arochlor 1260	1	89.90	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3923.20 9/29/98 10/1/98 10/20/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081/8082 Soil D. Wright	**Location :** **Field ID:**	M-3 10

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.87	0.0003	ND	NLE
beta-BHC	1	88.87	0.0003	ND	NLE
gamma-BHC	1	88.87	0.0004	ND	0.52
delta-BHC	1	88.87	0.0004	ND	NLE
Heptachlor	1	88.87	0.0003	ND	0.15
Aldrin	1	88.87	0.0004	ND	0.04
Heptachlor Epoxide	1	88.87	0.0006	ND	NLE
Endosulfan I	1	88.87	0.0005	ND	NLE
4,4'-DDE	50	88.87	0.0212	0.349	2
Dieldrin	1	88.87	0.0005	ND	0.042
Endrin	1	88.87	0.0005	ND	17
Endosulfan II	1	88.87	0.0004	ND	NLE
4,4'-DDD	50	88.87	0.0318	1.491	3
Endrin Aldehyde	1	88.87	0.0005	ND	NLE
4,4'-DDT	100	88.87	0.1168	5.066	2
Endosulfan-Sulfate	1	88.87	0.0004	ND	NLE
gamma -Chlordane	1	88.87	0.0005	0.024	NLE
alpha-Chlordane	1	88.87	0.0005	0.018	NLE
Toxaphene	1	88.87	0.0003	ND	0.1
Arochlor 1016	1	88.87	0.0119	ND	0.49
Arochlor 1221	1	88.87	0.0219	ND	0.49
Arochlor 1232	1	88.87	0.0149	ND	0.49
Arochlor 1242	1	88.87	0.0170	ND	0.49
Arochlor 1248	1	88.87	0.0068	ND	0.49
Arochlor 1254	1	88.87	0.0042	ND	0.49
Arochlor 1260	1	88.87	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	11

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.97	0.0003	ND	NLE
beta-BHC	1	91.97	0.0003	ND	NLE
gamma-BHC	1	91.97	0.0004	ND	0.52
delta-BHC	1	91.97	0.0004	ND	NLE
Heptachlor	1	91.97	0.0003	ND	0.15
Aldrin	1	91.97	0.0004	ND	0.04
Heptachlor Epoxide	1	91.97	0.0006	ND	NLE
Endosulfan I	1	91.97	0.0005	ND	NLE
4,4'-DDE	2	91.97	0.0008	0.168	2
Dieldrin	1	91.97	0.0005	ND	0.042
Endrin	1	91.97	0.0005	ND	17
Endosulfan II	1	91.97	0.0004	ND	NLE
4,4'-DDD	1	91.97	0.0006	0.029	3
Endrin Aldehyde	1	91.97	0.0005	ND	NLE
4,4'-DDT	1	91.97	0.0012	0.077	2
Endosulfan-Sulfate	1	91.97	0.0004	ND	NLE
gamma -Chlordane	1	91.97	0.0005	0.004	NLE
alpha-Chlordane	1	91.97	0.0005	0.004	NLE
Toxaphene	1	91.97	0.0003	ND	0.1
Arochlor 1016	1	91.97	0.0118	ND	0.49
Arochlor 1221	1	91.97	0.0216	ND	0.49
Arochlor 1232	1	91.97	0.0147	ND	0.49
Arochlor 1242	1	91.97	0.0168	ND	0.49
Arochlor 1248	1	91.97	0.0067	ND	0.49
Arochlor 1254	1	91.97	0.0042	ND	0.49
Arochlor 1260	1	91.97	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	12

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.86	0.0003	ND	NLE
beta-BHC	1	92.86	0.0003	ND	NLE
gamma-BHC	1	92.86	0.0004	ND	0.52
delta-BHC	1	92.86	0.0004	ND	NLE
Heptachlor	1	92.86	0.0003	ND	0.15
Aldrin	1	92.86	0.0004	ND	0.04
Heptachlor Epoxide	1	92.86	0.0006	ND	NLE
Endosulfan I	1	92.86	0.0005	ND	NLE
4,4'-DDE	20	92.86	0.0080	0.897	2
Dieldrin	1	92.86	0.0005	ND	0.042
Endrin	1	92.86	0.0005	ND	17
Endosulfan II	1	92.86	0.0004	ND	NLE
4,4'-DDD	20	92.86	0.0120	0.150	3
Endrin Aldehyde	1	92.86	0.0005	ND	NLE
4,4'-DDT	50	92.86	0.0551	1.551	2
Endosulfan-Sulfate	1	92.86	0.0004	ND	NLE
gamma -Chlordane	1	92.86	0.0005	ND	NLE
alpha-Chlordane	1	92.86	0.0005	ND	NLE
Toxaphene	1	92.86	0.0003	ND	0.1
Arochlor 1016	1	92.86	0.0112	ND	0.49
Arochlor 1221	1	92.86	0.0207	ND	0.49
Arochlor 1232	1	92.86	0.0140	ND	0.49
Arochlor 1242	1	92.86	0.0160	ND	0.49
Arochlor 1248	1	92.86	0.0064	ND	0.49
Arochlor 1254	1	92.86	0.0040	ND	0.49
Arochlor 1260	1	92.86	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	13

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.86	0.0003	ND	NLE
beta-BHC	1	87.86	0.0003	ND	NLE
gamma-BHC	1	87.86	0.0004	ND	0.52
delta-BHC	1	87.86	0.0004	ND	NLE
Heptachlor	1	87.86	0.0003	ND	0.15
Aldrin	1	87.86	0.0004	ND	0.04
Heptachlor Epoxide	1	87.86	0.0006	ND	NLE
Endosulfan I	1	87.86	0.0005	ND	NLE
4,4'-DDE	1	87.86	0.0004	0.008	2
Dieldrin	1	87.86	0.0005	ND	0.042
Endrin	1	87.86	0.0005	ND	17
Endosulfan II	1	87.86	0.0004	ND	NLE
4,4'-DDD	1	87.86	0.0006	0.014	3
Endrin Aldehyde	1	87.86	0.0005	ND	NLE
4,4'-DDT	1	87.86	0.0011	0.011	2
Endosulfan-Sulfate	1	87.86	0.0004	ND	NLE
gamma -Chlordane	1	87.86	0.0005	ND	NLE
alpha-Chlordane	1	87.86	0.0005	ND	NLE
Toxaphene	1	87.86	0.0003	ND	0.1
Arochlor 1016	1	87.86	0.0116	ND	0.49
Arochlor 1221	1	87.86	0.0213	ND	0.49
Arochlor 1232	1	87.86	0.0145	ND	0.49
Arochlor 1242	1	87.86	0.0166	ND	0.49
Arochlor 1248	1	87.86	0.0066	ND	0.49
Arochlor 1254	1	87.86	0.0041	ND	0.49
Arochlor 1260	1	87.86	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
	D. Wright	**Field ID:**	14

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.68	0.0003	ND	NLE
beta-BHC	1	91.68	0.0003	ND	NLE
gamma-BHC	1	91.68	0.0004	0.041	0.52
delta-BHC	1	91.68	0.0004	ND	NLE
Heptachlor	1	91.68	0.0003	ND	0.15
Aldrin	1	91.68	0.0004	ND	0.04
Heptachlor Epoxide	1	91.68	0.0006	ND	NLE
Endosulfan I	1	91.68	0.0005	ND	NLE
4,4'-DDE	50	91.68	0.0200	0.940	2
Dieldrin	1	91.68	0.0005	ND	0.042
Endrin	1	91.68	0.0005	ND	17
Endosulfan II	1	91.68	0.0004	ND	NLE
4,4'-DDD	50	91.68	0.0300	0.140	3
Endrin Aldehyde	1	91.68	0.0005	ND	NLE
4,4'-DDT	50	91.68	0.0549	4.312	2
Endosulfan-Sulfate	1	91.68	0.0004	ND	NLE
gamma -Chlordane	1	91.68	0.0005	0.013	NLE
alpha-Chlordane	1	91.68	0.0005	0.017	NLE
Toxaphene	1	91.68	0.0003	ND	0.1
Arochlor 1016	1	91.68	0.0112	ND	0.49
Arochlor 1221	1	91.68	0.0206	ND	0.49
Arochlor 1232	1	91.68	0.0140	ND	0.49
Arochlor 1242	1	91.68	0.0160	ND	0.49
Arochlor 1248	1	91.68	0.0064	ND	0.49
Arochlor 1254	1	91.68	0.0040	ND	0.49
Arochlor 1260	1	91.68	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	15

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.77	0.0003	ND	NLE
beta-BHC	1	89.77	0.0003	ND	NLE
gamma-BHC	1	89.77	0.0004	ND	0.52
delta-BHC	1	89.77	0.0004	ND	NLE
Heptachlor	1	89.77	0.0003	ND	0.15
Aldrin	1	89.77	0.0004	ND	0.04
Heptachlor Epoxide	1	89.77	0.0006	ND	NLE
Endosulfan I	1	89.77	0.0005	ND	NLE
4,4'-DDE	1	89.77	0.0004	0.068	2
Dieldrin	1	89.77	0.0005	ND	0.042
Endrin	1	89.77	0.0005	ND	17
Endosulfan II	1	89.77	0.0004	ND	NLE
4,4'-DDD	1	89.77	0.0006	0.014	3
Endrin Aldehyde	1	89.77	0.0005	ND	NLE
4,4'-DDT	1	89.77	0.0011	0.069	2
Endosulfan-Sulfate	1	89.77	0.0004	ND	NLE
gamma -Chlordane	1	89.77	0.0005	ND	NLE
alpha-Chlordane	1	89.77	0.0005	ND	NLE
Toxaphene	1	89.77	0.0003	ND	0.1
Arochlor 1016	1	89.77	0.0113	ND	0.49
Arochlor 1221	1	89.77	0.0209	ND	0.49
Arochlor 1232	1	89.77	0.0142	ND	0.49
Arochlor 1242	1	89.77	0.0162	ND	0.49
Arochlor 1248	1	89.77	0.0065	ND	0.49
Arochlor 1254	1	89.77	0.0041	ND	0.49
Arochlor 1260	1	89.77	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3923.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/29/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	16

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.70	0.0003	ND	NLE
beta-BHC	1	92.70	0.0003	ND	NLE
gamma-BHC	1	92.70	0.0004	ND	0.52
delta-BHC	1	92.70	0.0004	ND	NLE
Heptachlor	1	92.70	0.0003	ND	0.15
Aldrin	1	92.70	0.0004	ND	0.04
Heptachlor Epoxide	1	92.70	0.0006	ND	NLE
Endosulfan I	1	92.70	0.0005	ND	NLE
4,4'-DDE	1	92.70	0.0004	0.001	2
Dieldrin	1	92.70	0.0005	ND	0.042
Endrin	1	92.70	0.0005	ND	17
Endosulfan II	1	92.70	0.0004	ND	NLE
4,4'-DDD	1	92.70	0.0006	ND	3
Endrin Aldehyde	1	92.70	0.0005	ND	NLE
4,4'-DDT	1	92.70	0.0011	0.004	2
Endosulfan-Sulfate	1	92.70	0.0004	ND	NLE
gamma -Chlordane	1	92.70	0.0005	ND	NLE
alpha-Chlordane	1	92.70	0.0005	ND	NLE
Toxaphene	1	92.70	0.0003	ND	0.1
Arochlor 1016	1	92.70	0.0115	ND	0.49
Arochlor 1221	1	92.70	0.0211	ND	0.49
Arochlor 1232	1	92.70	0.0144	ND	0.49
Arochlor 1242	1	92.70	0.0164	ND	0.49
Arochlor 1248	1	92.70	0.0066	ND	0.49
Arochlor 1254	1	92.70	0.0041	ND	0.49
Arochlor 1260	1	92.70	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	17

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.35	0.0003	ND	NLE
beta-BHC	1	91.35	0.0003	ND	NLE
gamma-BHC	1	91.35	0.0004	ND	0.52
delta-BHC	1	91.35	0.0004	ND	NLE
Heptachlor	1	91.35	0.0003	ND	0.15
Aldrin	1	91.35	0.0004	ND	0.04
Heptachlor Epoxide	1	91.35	0.0006	ND	NLE
Endosulfan I	1	91.35	0.0005	ND	NLE
4,4'-DDE	1	91.35	0.0004	0.003	2
Dieldrin	1	91.35	0.0005	ND	0.042
Endrin	1	91.35	0.0005	ND	17
Endosulfan II	1	91.35	0.0004	ND	NLE
4,4'-DDD	1	91.35	0.0006	0.003	3
Endrin Aldehyde	1	91.35	0.0005	ND	NLE
4,4'-DDT	1	91.35	0.0011	0.007	2
Endosulfan-Sulfate	1	91.35	0.0004	ND	NLE
gamma -Chlordane	1	91.35	0.0005	ND	NLE
alpha-Chlordane	1	91.35	0.0005	ND	NLE
Toxaphene	1	91.35	0.0003	ND	0.1
Arochlor 1016	1	91.35	0.0117	ND	0.49
Arochlor 1221	1	91.35	0.0215	ND	0.49
Arochlor 1232	1	91.35	0.0146	ND	0.49
Arochlor 1242	1	91.35	0.0167	ND	0.49
Arochlor 1248	1	91.35	0.0067	ND	0.49
Arochlor 1254	1	91.35	0.0042	ND	0.49
Arochlor 1260	1	91.35	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	18

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.96	0.0003	ND	NLE
beta-BHC	1	91.96	0.0003	ND	NLE
gamma-BHC	1	91.96	0.0004	ND	0.52
delta-BHC	1	91.96	0.0004	ND	NLE
Heptachlor	1	91.96	0.0003	ND	0.15
Aldrin	1	91.96	0.0004	ND	0.04
Heptachlor Epoxide	1	91.96	0.0006	ND	NLE
Endosulfan I	1	91.96	0.0005	ND	NLE
4,4'-DDE	1	91.96	0.0004	ND	2
Dieldrin	1	91.96	0.0005	0.002	0.042
Endrin	1	91.96	0.0005	ND	17
Endosulfan II	1	91.96	0.0004	ND	NLE
4,4'-DDD	1	91.96	0.0006	ND	3
Endrin Aldehyde	1	91.96	0.0005	ND	NLE
4,4'-DDT	1	91.96	0.0011	0.003	2
Endosulfan-Sulfate	1	91.96	0.0004	ND	NLE
gamma -Chlordane	1	91.96	0.0005	ND	NLE
alpha-Chlordane	1	91.96	0.0005	ND	NLE
Toxaphene	1	91.96	0.0003	ND	0.1
Arochlor 1016	1	91.96	0.0115	ND	0.49
Arochlor 1221	1	91.96	0.0211	ND	0.49
Arochlor 1232	1	91.96	0.0144	ND	0.49
Arochlor 1242	1	91.96	0.0164	ND	0.49
Arochlor 1248	1	91.96	0.0066	ND	0.49
Arochlor 1254	1	91.96	0.0041	ND	0.49
Arochlor 1260	1	91.96	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	19

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.03	0.0003	ND	NLE
beta-BHC	1	91.03	0.0003	ND	NLE
gamma-BHC	1	91.03	0.0004	ND	0.52
delta-BHC	1	91.03	0.0004	ND	NLE
Heptachlor	1	91.03	0.0003	ND	0.15
Aldrin	1	91.03	0.0004	ND	0.04
Heptachlor Epoxide	1	91.03	0.0006	ND	NLE
Endosulfan I	1	91.03	0.0005	ND	NLE
4,4'-DDE	1	91.03	0.0004	0.014	2
Dieldrin	1	91.03	0.0005	ND	0.042
Endrin	1	91.03	0.0005	ND	17
Endosulfan II	1	91.03	0.0004	ND	NLE
4,4'-DDD	1	91.03	0.0006	0.003	3
Endrin Aldehyde	1	91.03	0.0005	ND	NLE
4,4'-DDT	1	91.03	0.0011	0.007	2
Endosulfan-Sulfate	1	91.03	0.0004	ND	NLE
gamma -Chlordane	1	91.03	0.0005	ND	NLE
alpha-Chlordane	1	91.03	0.0005	ND	NLE
Toxaphene	1	91.03	0.0003	ND	0.1
Arochlor 1016	1	91.03	0.0114	ND	0.49
Arochlor 1221	1	91.03	0.0209	ND	0.49
Arochlor 1232	1	91.03	0.0142	ND	0.49
Arochlor 1242	1	91.03	0.0162	ND	0.49
Arochlor 1248	1	91.03	0.0065	ND	0.49
Arochlor 1254	1	91.03	0.0041	ND	0.49
Arochlor 1260	1	91.03	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/20/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	20

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.91	0.0003	ND	NLE
beta-BHC	1	88.91	0.0003	ND	NLE
gamma-BHC	1	88.91	0.0004	ND	0.52
delta-BHC	1	88.91	0.0004	ND	NLE
Heptachlor	1	88.91	0.0003	ND	0.15
Aldrin	1	88.91	0.0004	ND	0.04
Heptachlor Epoxide	1	88.91	0.0006	ND	NLE
Endosulfan I	1	88.91	0.0005	ND	NLE
4,4'-DDE	1	88.91	0.0004	0.014	2
Dieldrin	1	88.91	0.0005	ND	0.042
Endrin	1	88.91	0.0005	ND	17
Endosulfan II	1	88.91	0.0004	ND	NLE
4,4'-DDD	1	88.91	0.0006	0.006	3
Endrin Aldehyde	1	88.91	0.0005	ND	NLE
4,4'-DDT	1	88.91	0.0012	0.016	2
Endosulfan-Sulfate	1	88.91	0.0004	ND	NLE
gamma -Chlordane	1	88.91	0.0005	ND	NLE
alpha-Chlordane	1	88.91	0.0005	ND	NLE
Toxaphene	1	88.91	0.0003	ND	0.1
Arochlor 1016	1	88.91	0.0118	ND	0.49
Arochlor 1221	1	88.91	0.0218	ND	0.49
Arochlor 1232	1	88.91	0.0148	ND	0.49
Arochlor 1242	1	88.91	0.0169	ND	0.49
Arochlor 1248	1	88.91	0.0068	ND	0.49
Arochlor 1254	1	88.91	0.0042	ND	0.49
Arochlor 1260	1	88.91	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	21

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.79	0.0003	ND	NLE
beta-BHC	1	88.79	0.0003	ND	NLE
gamma-BHC	1	88.79	0.0004	ND	0.52
delta-BHC	1	88.79	0.0004	ND	NLE
Heptachlor	1	88.79	0.0003	ND	0.15
Aldrin	1	88.79	0.0004	ND	0.04
Heptachlor Epoxide	1	88.79	0.0007	ND	NLE
Endosulfan I	1	88.79	0.0006	ND	NLE
4,4'-DDE	1	88.79	0.0004	0.016	2
Dieldrin	1	88.79	0.0006	ND	0.042
Endrin	1	88.79	0.0006	ND	17
Endosulfan II	1	88.79	0.0004	ND	NLE
4,4'-DDD	1	88.79	0.0007	0.003	3
Endrin Aldehyde	1	88.79	0.0006	ND	NLE
4,4'-DDT	1	88.79	0.0012	0.008	2
Endosulfan-Sulfate	1	88.79	0.0004	ND	NLE
gamma -Chlordane	1	88.79	0.0006	ND	NLE
alpha-Chlordane	1	88.79	0.0006	ND	NLE
Toxaphene	1	88.79	0.0003	ND	0.1
Arochlor 1016	1	88.79	0.0126	ND	0.49
Arochlor 1221	1	88.79	0.0231	ND	0.49
Arochlor 1232	1	88.79	0.0157	ND	0.49
Arochlor 1242	1	88.79	0.0179	ND	0.49
Arochlor 1248	1	88.79	0.0072	ND	0.49
Arochlor 1254	1	88.79	0.0045	ND	0.49
Arochlor 1260	1	88.79	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	22

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.39	0.0003	ND	NLE
beta-BHC	1	90.39	0.0003	ND	NLE
gamma-BHC	1	90.39	0.0004	ND	0.52
delta-BHC	1	90.39	0.0004	ND	NLE
Heptachlor	1	90.39	0.0003	ND	0.15
Aldrin	1	90.39	0.0004	ND	0.04
Heptachlor Epoxide	1	90.39	0.0007	ND	NLE
Endosulfan I	1	90.39	0.0006	ND	NLE
4,4'-DDE	1	90.39	0.0004	0.022	2
Dieldrin	1	90.39	0.0006	ND	0.042
Endrin	1	90.39	0.0006	ND	17
Endosulfan II	1	90.39	0.0004	ND	NLE
4,4'-DDD	1	90.39	0.0007	ND	3
Endrin Aldehyde	1	90.39	0.0006	ND	NLE
4,4'-DDT	1	90.39	0.0012	0.018	2
Endosulfan-Sulfate	1	90.39	0.0004	ND	NLE
gamma -Chlordane	1	90.39	0.0006	ND	NLE
alpha-Chlordane	1	90.39	0.0006	ND	NLE
Toxaphene	1	90.39	0.0003	ND	0.1
Arochlor 1016	1	90.39	0.0123	ND	0.49
Arochlor 1221	1	90.39	0.0227	ND	0.49
Arochlor 1232	1	90.39	0.0154	ND	0.49
Arochlor 1242	1	90.39	0.0176	ND	0.49
Arochlor 1248	1	90.39	0.0070	ND	0.49
Arochlor 1254	1	90.39	0.0044	ND	0.49
Arochlor 1260	1	90.39	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	23

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.35	0.0003	ND	NLE
beta-BHC	1	94.35	0.0003	ND	NLE
gamma-BHC	1	94.35	0.0004	ND	0.52
delta-BHC	1	94.35	0.0004	ND	NLE
Heptachlor	1	94.35	0.0003	ND	0.15
Aldrin	1	94.35	0.0004	ND	0.04
Heptachlor Epoxide	1	94.35	0.0006	ND	NLE
Endosulfan I	1	94.35	0.0005	ND	NLE
4,4'-DDE	1	94.35	0.0004	0.044	2
Dieldrin	1	94.35	0.0005	ND	0.042
Endrin	1	94.35	0.0005	ND	17
Endosulfan II	1	94.35	0.0004	ND	NLE
4,4'-DDD	1	94.35	0.0006	0.007	3
Endrin Aldehyde	1	94.35	0.0005	ND	NLE
4,4'-DDT	1	94.35	0.0011	0.038	2
Endosulfan-Sulfate	1	94.35	0.0004	ND	NLE
gamma -Chlordane	1	94.35	0.0005	ND	NLE
alpha-Chlordane	1	94.35	0.0005	ND	NLE
Toxaphene	1	94.35	0.0003	ND	0.1
Arochlor 1016	1	94.35	0.0108	ND	0.49
Arochlor 1221	1	94.35	0.0199	ND	0.49
Arochlor 1232	1	94.35	0.0136	ND	0.49
Arochlor 1242	1	94.35	0.0155	ND	0.49
Arochlor 1248	1	94.35	0.0062	ND	0.49
Arochlor 1254	1	94.35	0.0039	ND	0.49
Arochlor 1260	1	94.35	0.0035	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	24

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.35	0.0003	ND	NLE
beta-BHC	1	90.35	0.0003	ND	NLE
gamma-BHC	1	90.35	0.0004	0.004	0.52
delta-BHC	1	90.35	0.0004	ND	NLE
Heptachlor	1	90.35	0.0003	ND	0.15
Aldrin	1	90.35	0.0004	ND	0.04
Heptachlor Epoxide	1	90.35	0.0006	ND	NLE
Endosulfan I	1	90.35	0.0005	ND	NLE
4,4'-DDE	5	90.35	0.0021	0.308	2
Dieldrin	1	90.35	0.0005	ND	0.042
Endrin	1	90.35	0.0005	ND	17
Endosulfan II	1	90.35	0.0004	ND	NLE
4,4'-DDD	5	90.35	0.0031	0.123	3
Endrin Aldehyde	1	90.35	0.0005	ND	NLE
4,4'-DDT	5	90.35	0.0057	0.450	2
Endosulfan-Sulfate	1	90.35	0.0004	ND	NLE
gamma -Chlordane	1	90.35	0.0005	0.008	NLE
alpha-Chlordane	1	90.35	0.0005	0.010	NLE
Toxaphene	1	90.35	0.0003	ND	0.1
Arochlor 1016	1	90.35	0.0115	ND	0.49
Arochlor 1221	1	90.35	0.0212	ND	0.49
Arochlor 1232	1	90.35	0.0144	ND	0.49
Arochlor 1242	1	90.35	0.0165	ND	0.49
Arochlor 1248	1	90.35	0.0066	ND	0.49
Arochlor 1254	1	90.35	0.0041	ND	0.49
Arochlor 1260	1	90.35	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	25

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.65	0.0003	ND	NLE
beta-BHC	1	93.65	0.0003	ND	NLE
gamma-BHC	1	93.65	0.0004	ND	0.52
delta-BHC	1	93.65	0.0004	ND	NLE
Heptachlor	1	93.65	0.0003	ND	0.15
Aldrin	1	93.65	0.0004	ND	0.04
Heptachlor Epoxide	1	93.65	0.0006	ND	NLE
Endosulfan I	1	93.65	0.0005	ND	NLE
4,4'-DDE	5	93.65	0.0020	0.262	2
Dieldrin	1	93.65	0.0005	ND	0.042
Endrin	1	93.65	0.0005	ND	17
Endosulfan II	1	93.65	0.0004	ND	NLE
4,4'-DDD	5	93.65	0.0029	0.124	3
Endrin Aldehyde	1	93.65	0.0005	ND	NLE
4,4'-DDT	5	93.65	0.0054	0.188	2
Endosulfan-Sulfate	1	93.65	0.0004	ND	NLE
gamma -Chlordane	1	93.65	0.0005	0.021	NLE
alpha-Chlordane	1	93.65	0.0005	0.021	NLE
Toxaphene	1	93.65	0.0003	ND	0.1
Arochlor 1016	1	93.65	0.0109	ND	0.49
Arochlor 1221	1	93.65	0.0201	ND	0.49
Arochlor 1232	1	93.65	0.0137	ND	0.49
Arochlor 1242	1	93.65	0.0156	ND	0.49
Arochlor 1248	1	93.65	0.0063	ND	0.49
Arochlor 1254	1	93.65	0.0039	ND	0.49
Arochlor 1260	1	93.65	0.0035	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	26

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	96.46	0.0003	ND	NLE
beta-BHC	1	96.46	0.0003	ND	NLE
gamma-BHC	50	96.46	0.0199	0.181	0.52
delta-BHC	1	96.46	0.0004	ND	NLE
Heptachlor	1	96.46	0.0003	ND	0.15
Aldrin	1	96.46	0.0004	ND	0.04
Heptachlor Epoxide	1	96.46	0.0006	ND	NLE
Endosulfan I	1	96.46	0.0005	ND	NLE
4,4'-DDE	50	96.46	0.0199	1.439	2
Dieldrin	1	96.46	0.0005	ND	0.042
Endrin	1	96.46	0.0005	ND	17
Endosulfan II	1	96.46	0.0004	ND	NLE
4,4'-DDD	50	96.46	0.0299	0.223	3
Endrin Aldehyde	1	96.46	0.0005	ND	NLE
4,4'-DDT	50	96.46	0.0548	4.879	2
Endosulfan-Sulfate	1	96.46	0.0004	ND	NLE
gamma -Chlordane	1	96.46	0.0005	ND	NLE
alpha-Chlordane	1	96.46	0.0005	ND	NLE
Toxaphene	1	96.46	0.0003	ND	0.1
Arochlor 1016	1	96.46	0.0112	ND	0.49
Arochlor 1221	1	96.46	0.0205	ND	0.49
Arochlor 1232	1	96.46	0.0139	ND	0.49
Arochlor 1242	1	96.46	0.0159	ND	0.49
Arochlor 1248	1	96.46	0.0064	ND	0.49
Arochlor 1254	1	96.46	0.0040	ND	0.49
Arochlor 1260	1	96.46	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	27

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.91	0.0003	ND	NLE
beta-BHC	1	91.91	0.0003	ND	NLE
gamma-BHC	1	91.91	0.0004	0.035	0.52
delta-BHC	1	91.91	0.0004	ND	NLE
Heptachlor	1	91.91	0.0003	ND	0.15
Aldrin	1	91.91	0.0004	ND	0.04
Heptachlor Epoxide	1	91.91	0.0006	ND	NLE
Endosulfan I	1	91.91	0.0005	ND	NLE
4,4'-DDE	2	91.91	0.0009	0.141	2
Dieldrin	1	91.91	0.0005	ND	0.042
Endrin	1	91.91	0.0005	ND	17
Endosulfan II	1	91.91	0.0004	ND	NLE
4,4'-DDD	1	91.91	0.0006	0.066	3
Endrin Aldehyde	1	91.91	0.0005	ND	NLE
4,4'-DDT	2	91.91	0.0024	0.189	2
Endosulfan-Sulfate	1	91.91	0.0004	ND	NLE
gamma -Chlordane	1	91.91	0.0005	0.016	NLE
alpha-Chlordane	1	91.91	0.0005	0.029	NLE
Toxaphene	1	91.91	0.0003	ND	0.1
Arochlor 1016	1	91.91	0.0121	ND	0.49
Arochlor 1221	1	91.91	0.0223	ND	0.49
Arochlor 1232	1	91.91	0.0151	ND	0.49
Arochlor 1242	1	91.91	0.0173	ND	0.49
Arochlor 1248	1	91.91	0.0069	ND	0.49
Arochlor 1254	1	91.91	0.0043	ND	0.49
Arochlor 1260	1	91.91	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	10/21/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	28

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.41	0.0003	ND	NLE
beta-BHC	1	92.41	0.0003	ND	NLE
gamma-BHC	1	92.41	0.0004	0.009	0.52
delta-BHC	1	92.41	0.0004	ND	NLE
Heptachlor	1	92.41	0.0003	ND	0.15
Aldrin	1	92.41	0.0004	ND	0.04
Heptachlor Epoxide	1	92.41	0.0006	ND	NLE
Endosulfan I	1	92.41	0.0005	ND	NLE
4,4'-DDE	20	92.41	0.0083	0.566	2
Dieldrin	1	92.41	0.0005	ND	0.042
Endrin	1	92.41	0.0005	ND	17
Endosulfan II	1	92.41	0.0004	ND	NLE
4,4'-DDD	20	92.41	0.0125	0.217	3
Endrin Aldehyde	1	92.41	0.0005	ND	NLE
4,4'-DDT	20	92.41	0.0229	1.549	2
Endosulfan-Sulfate	1	92.41	0.0004	ND	NLE
gamma -Chlordane	1	92.41	0.0005	0.021	NLE
alpha-Chlordane	1	92.41	0.0005	0.022	NLE
Toxaphene	1	92.41	0.0003	ND	0.1
Arochlor 1016	1	92.41	0.0117	ND	0.49
Arochlor 1221	1	92.41	0.0214	ND	0.49
Arochlor 1232	1	92.41	0.0146	ND	0.49
Arochlor 1242	1	92.41	0.0166	ND	0.49
Arochlor 1248	1	92.41	0.0067	ND	0.49
Arochlor 1254	1	92.41	0.0042	ND	0.49
Arochlor 1260	1	92.41	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	29

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.07	0.0003	ND	NLE
beta-BHC	1	91.07	0.0003	ND	NLE
gamma-BHC	1	91.07	0.0004	ND	0.52
delta-BHC	1	91.07	0.0004	ND	NLE
Heptachlor	1	91.07	0.0003	ND	0.15
Aldrin	1	91.07	0.0004	ND	0.04
Heptachlor Epoxide	1	91.07	0.0006	ND	NLE
Endosulfan I	1	91.07	0.0005	ND	NLE
4,4'-DDE	1	91.07	0.0004	0.022	2
Dieldrin	1	91.07	0.0005	ND	0.042
Endrin	1	91.07	0.0005	ND	17
Endosulfan II	1	91.07	0.0004	ND	NLE
4,4'-DDD	1	91.07	0.0006	0.017	3
Endrin Aldehyde	1	91.07	0.0005	ND	NLE
4,4'-DDT	5	91.07	0.0057	0.199	2
Endosulfan-Sulfate	1	91.07	0.0004	ND	NLE
gamma -Chlordane	1	91.07	0.0005	ND	NLE
alpha-Chlordane	1	91.07	0.0005	ND	NLE
Toxaphene	1	91.07	0.0003	ND	0.1
Arochlor 1016	1	91.07	0.0116	ND	0.49
Arochlor 1221	1	91.07	0.0213	ND	0.49
Arochlor 1232	1	91.07	0.0145	ND	0.49
Arochlor 1242	1	91.07	0.0165	ND	0.49
Arochlor 1248	1	91.07	0.0066	ND	0.49
Arochlor 1254	1	91.07	0.0041	ND	0.49
Arochlor 1260	1	91.07	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	30

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.42	0.0003	ND	NLE
beta-BHC	1	89.42	0.0003	ND	NLE
gamma-BHC	1	89.42	0.0004	ND	0.52
delta-BHC	1	89.42	0.0004	ND	NLE
Heptachlor	1	89.42	0.0003	ND	0.15
Aldrin	1	89.42	0.0004	ND	0.04
Heptachlor Epoxide	1	89.42	0.0007	ND	NLE
Endosulfan I	1	89.42	0.0005	ND	NLE
4,4'-DDE	1	89.42	0.0004	0.007	2
Dieldrin	1	89.42	0.0005	ND	0.042
Endrin	1	89.42	0.0005	ND	17
Endosulfan II	1	89.42	0.0004	ND	NLE
4,4'-DDD	1	89.42	0.0007	ND	3
Endrin Aldehyde	1	89.42	0.0005	ND	NLE
4,4'-DDT	1	89.42	0.0012	0.010	2
Endosulfan-Sulfate	1	89.42	0.0004	ND	NLE
gamma -Chlordane	1	89.42	0.0005	ND	NLE
alpha-Chlordane	1	89.42	0.0005	ND	NLE
Toxaphene	1	89.42	0.0003	ND	0.1
Arochlor 1016	1	89.42	0.0122	ND	0.49
Arochlor 1221	1	89.42	0.0225	ND	0.49
Arochlor 1232	1	89.42	0.0153	ND	0.49
Arochlor 1242	1	89.42	0.0175	ND	0.49
Arochlor 1248	1	89.42	0.0070	ND	0.49
Arochlor 1254	1	89.42	0.0044	ND	0.49
Arochlor 1260	1	89.42	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3929.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	9/30/98
	Bldg. 173	**Extraction Date:**	10/1/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	31

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.80	0.0003	ND	NLE
beta-BHC	1	89.80	0.0003	ND	NLE
gamma-BHC	1	89.80	0.0004	ND	0.52
delta-BHC	1	89.80	0.0004	ND	NLE
Heptachlor	1	89.80	0.0003	ND	0.15
Aldrin	1	89.80	0.0004	ND	0.04
Heptachlor Epoxide	1	89.80	0.0006	ND	NLE
Endosulfan I	1	89.80	0.0005	ND	NLE
4,4'-DDE	1	89.80	0.0004	0.007	2
Dieldrin	1	89.80	0.0005	ND	0.042
Endrin	1	89.80	0.0005	ND	17
Endosulfan II	1	89.80	0.0004	ND	NLE
4,4'-DDD	1	89.80	0.0006	ND	3
Endrin Aldehyde	1	89.80	0.0005	ND	NLE
4,4'-DDT	1	89.80	0.0012	0.007	2
Endosulfan-Sulfate	1	89.80	0.0004	ND	NLE
gamma -Chlordane	1	89.80	0.0005	ND	NLE
alpha-Chlordane	1	89.80	0.0005	ND	NLE
Toxaphene	1	89.80	0.0003	ND	0.1
Arochlor 1016	1	89.80	0.0121	ND	0.49
Arochlor 1221	1	89.80	0.0222	ND	0.49
Arochlor 1232	1	89.80	0.0151	ND	0.49
Arochlor 1242	1	89.80	0.0173	ND	0.49
Arochlor 1248	1	89.80	0.0069	ND	0.49
Arochlor 1254	1	89.80	0.0043	ND	0.49
Arochlor 1260	1	89.80	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	32

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.93	0.0003	ND	NLE
beta-BHC	1	85.93	0.0003	ND	NLE
gamma-BHC	1	85.93	0.0004	ND	0.52
delta-BHC	1	85.93	0.0004	ND	NLE
Heptachlor	1	85.93	0.0003	ND	0.15
Aldrin	1	85.93	0.0004	ND	0.04
Heptachlor Epoxide	1	85.93	0.0007	ND	NLE
Endosulfan I	1	85.93	0.0006	ND	NLE
4,4'-DDE	1	85.93	0.0004	0.024	2
Dieldrin	1	85.93	0.0006	ND	0.042
Endrin	1	85.93	0.0006	ND	17
Endosulfan II	1	85.93	0.0004	ND	NLE
4,4'-DDD	1	85.93	0.0007	ND	3
Endrin Aldehyde	1	85.93	0.0006	ND	NLE
4,4'-DDT	1	85.93	0.0012	0.024	2
Endosulfan-Sulfate	1	85.93	0.0004	ND	NLE
gamma -Chlordane	1	85.93	0.0006	ND	NLE
alpha-Chlordane	1	85.93	0.0006	ND	NLE
Toxaphene	1	85.93	0.0003	ND	0.1
Arochlor 1016	1	85.93	0.0125	ND	0.49
Arochlor 1221	1	85.93	0.0230	ND	0.49
Arochlor 1232	1	85.93	0.0157	ND	0.49
Arochlor 1242	1	85.93	0.0179	ND	0.49
Arochlor 1248	1	85.93	0.0072	ND	0.49
Arochlor 1254	1	85.93	0.0045	ND	0.49
Arochlor 1260	1	85.93	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	33

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.29	0.0003	ND	NLE
beta-BHC	1	88.29	0.0003	ND	NLE
gamma-BHC	1	88.29	0.0004	ND	0.52
delta-BHC	1	88.29	0.0004	ND	NLE
Heptachlor	1	88.29	0.0003	ND	0.15
Aldrin	1	88.29	0.0004	ND	0.04
Heptachlor Epoxide	1	88.29	0.0006	ND	NLE
Endosulfan I	1	88.29	0.0005	ND	NLE
4,4'-DDE	20	88.29	0.0086	0.511	2
Dieldrin	1	88.29	0.0005	ND	0.042
Endrin	1	88.29	0.0005	ND	17
Endosulfan II	1	88.29	0.0004	ND	NLE
4,4'-DDD	1	88.29	0.0006	0.044	3
Endrin Aldehyde	1	88.29	0.0005	ND	NLE
4,4'-DDT	20	88.29	0.0237	0.849	2
Endosulfan-Sulfate	1	88.29	0.0004	ND	NLE
gamma -Chlordane	1	88.29	0.0005	ND	NLE
alpha-Chlordane	1	88.29	0.0005	ND	NLE
Toxaphene	1	88.29	0.0003	ND	0.1
Arochlor 1016	1	88.29	0.0120	ND	0.49
Arochlor 1221	1	88.29	0.0222	ND	0.49
Arochlor 1232	1	88.29	0.0151	ND	0.49
Arochlor 1242	1	88.29	0.0172	ND	0.49
Arochlor 1248	1	88.29	0.0069	ND	0.49
Arochlor 1254	1	88.29	0.0043	ND	0.49
Arochlor 1260	1	88.29	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	34

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.36	0.0003	ND	NLE
beta-BHC	1	92.36	0.0003	ND	NLE
gamma-BHC	1	92.36	0.0004	ND	0.52
delta-BHC	1	92.36	0.0004	ND	NLE
Heptachlor	1	92.36	0.0003	ND	0.15
Aldrin	1	92.36	0.0004	ND	0.04
Heptachlor Epoxide	1	92.36	0.0006	ND	NLE
Endosulfan I	1	92.36	0.0005	ND	NLE
4,4'-DDE	1	92.36	0.0004	0.071	2
Dieldrin	1	92.36	0.0005	ND	0.042
Endrin	1	92.36	0.0005	ND	17
Endosulfan II	1	92.36	0.0004	ND	NLE
4,4'-DDD	1	92.36	0.0006	0.002	3
Endrin Aldehyde	1	92.36	0.0005	ND	NLE
4,4'-DDT	1	92.36	0.0011	0.058	2
Endosulfan-Sulfate	1	92.36	0.0004	ND	NLE
gamma -Chlordane	1	92.36	0.0005	ND	NLE
alpha-Chlordane	1	92.36	0.0005	ND	NLE
Toxaphene	1	92.36	0.0003	ND	0.1
Arochlor 1016	1	92.36	0.0116	ND	0.49
Arochlor 1221	1	92.36	0.0214	ND	0.49
Arochlor 1232	1	92.36	0.0145	ND	0.49
Arochlor 1242	1	92.36	0.0166	ND	0.49
Arochlor 1248	1	92.36	0.0066	ND	0.49
Arochlor 1254	1	92.36	0.0041	ND	0.49
Arochlor 1260	1	92.36	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	35

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	95.44	0.0003	ND	NLE
beta-BHC	1	95.44	0.0003	ND	NLE
gamma-BHC	1	95.44	0.0004	ND	0.52
delta-BHC	1	95.44	0.0004	ND	NLE
Heptachlor	1	95.44	0.0003	ND	0.15
Aldrin	1	95.44	0.0004	ND	0.04
Heptachlor Epoxide	1	95.44	0.0006	ND	NLE
Endosulfan I	1	95.44	0.0005	ND	NLE
4,4'-DDE	1	95.44	0.0004	0.033	2
Dieldrin	1	95.44	0.0005	ND	0.042
Endrin	1	95.44	0.0005	ND	17
Endosulfan II	1	95.44	0.0004	ND	NLE
4,4'-DDD	1	95.44	0.0006	0.004	3
Endrin Aldehyde	1	95.44	0.0005	ND	NLE
4,4'-DDT	1	95.44	0.0011	0.042	2
Endosulfan-Sulfate	1	95.44	0.0004	ND	NLE
gamma -Chlordane	1	95.44	0.0005	ND	NLE
alpha-Chlordane	1	95.44	0.0005	ND	NLE
Toxaphene	1	95.44	0.0003	ND	0.1
Arochlor 1016	1	95.44	0.0111	ND	0.49
Arochlor 1221	1	95.44	0.0204	ND	0.49
Arochlor 1232	1	95.44	0.0139	ND	0.49
Arochlor 1242	1	95.44	0.0158	ND	0.49
Arochlor 1248	1	95.44	0.0063	ND	0.49
Arochlor 1254	1	95.44	0.0040	ND	0.49
Arochlor 1260	1	95.44	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	36

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.49	0.0003	ND	NLE
beta-BHC	1	91.49	0.0003	ND	NLE
gamma-BHC	1	91.49	0.0004	ND	0.52
delta-BHC	1	91.49	0.0004	ND	NLE
Heptachlor	1	91.49	0.0003	ND	0.15
Aldrin	1	91.49	0.0004	ND	0.04
Heptachlor Epoxide	1	91.49	0.0006	ND	NLE
Endosulfan I	1	91.49	0.0005	ND	NLE
4,4'-DDE	1	91.49	0.0004	0.013	2
Dieldrin	1	91.49	0.0005	ND	0.042
Endrin	1	91.49	0.0005	ND	17
Endosulfan II	1	91.49	0.0004	ND	NLE
4,4'-DDD	1	91.49	0.0006	ND	3
Endrin Aldehyde	1	91.49	0.0005	ND	NLE
4,4'-DDT	1	91.49	0.0012	0.010	2
Endosulfan-Sulfate	1	91.49	0.0004	ND	NLE
gamma -Chlordane	1	91.49	0.0005	ND	NLE
alpha-Chlordane	1	91.49	0.0005	ND	NLE
Toxaphene	1	91.49	0.0003	ND	0.1
Arochlor 1016	1	91.49	0.0118	ND	0.49
Arochlor 1221	1	91.49	0.0218	ND	0.49
Arochlor 1232	1	91.49	0.0148	ND	0.49
Arochlor 1242	1	91.49	0.0169	ND	0.49
Arochlor 1248	1	91.49	0.0068	ND	0.49
Arochlor 1254	1	91.49	0.0042	ND	0.49
Arochlor 1260	1	91.49	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	37

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.93	0.0003	ND	NLE
beta-BHC	1	88.93	0.0003	ND	NLE
gamma-BHC	1	88.93	0.0004	ND	0.52
delta-BHC	1	88.93	0.0004	ND	NLE
Heptachlor	1	88.93	0.0003	ND	0.15
Aldrin	1	88.93	0.0004	ND	0.04
Heptachlor Epoxide	1	88.93	0.0006	ND	NLE
Endosulfan I	1	88.93	0.0005	ND	NLE
4,4'-DDE	1	88.93	0.0004	0.016	2
Dieldrin	1	88.93	0.0005	ND	0.042
Endrin	1	88.93	0.0005	ND	17
Endosulfan II	1	88.93	0.0004	ND	NLE
4,4'-DDD	1	88.93	0.0006	ND	3
Endrin Aldehyde	1	88.93	0.0005	ND	NLE
4,4'-DDT	1	88.93	0.0011	0.004	2
Endosulfan-Sulfate	1	88.93	0.0004	ND	NLE
gamma -Chlordane	1	88.93	0.0005	ND	NLE
alpha-Chlordane	1	88.93	0.0005	ND	NLE
Toxaphene	1	88.93	0.0003	ND	0.1
Arochlor 1016	1	88.93	0.0116	ND	0.49
Arochlor 1221	1	88.93	0.0213	ND	0.49
Arochlor 1232	1	88.93	0.0145	ND	0.49
Arochlor 1242	1	88.93	0.0165	ND	0.49
Arochlor 1248	1	88.93	0.0066	ND	0.49
Arochlor 1254	1	88.93	0.0041	ND	0.49
Arochlor 1260	1	88.93	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	38

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.04	0.0003	ND	NLE
beta-BHC	1	90.04	0.0003	ND	NLE
gamma-BHC	1	90.04	0.0004	ND	0.52
delta-BHC	1	90.04	0.0004	ND	NLE
Heptachlor	1	90.04	0.0003	ND	0.15
Aldrin	1	90.04	0.0004	ND	0.04
Heptachlor Epoxide	1	90.04	0.0006	ND	NLE
Endosulfan I	1	90.04	0.0005	ND	NLE
4,4'-DDE	1	90.04	0.0004	0.004	2
Dieldrin	1	90.04	0.0005	ND	0.042
Endrin	1	90.04	0.0005	ND	17
Endosulfan II	1	90.04	0.0004	ND	NLE
4,4'-DDD	1	90.04	0.0006	ND	3
Endrin Aldehyde	1	90.04	0.0005	ND	NLE
4,4'-DDT	1	90.04	0.0012	0.002	2
Endosulfan-Sulfate	1	90.04	0.0004	ND	NLE
gamma -Chlordane	1	90.04	0.0005	ND	NLE
alpha-Chlordane	1	90.04	0.0005	ND	NLE
Toxaphene	1	90.04	0.0003	ND	0.1
Arochlor 1016	1	90.04	0.0118	ND	0.49
Arochlor 1221	1	90.04	0.0216	ND	0.49
Arochlor 1232	1	90.04	0.0147	ND	0.49
Arochlor 1242	1	90.04	0.0168	ND	0.49
Arochlor 1248	1	90.04	0.0067	ND	0.49
Arochlor 1254	1	90.04	0.0042	ND	0.49
Arochlor 1260	1	90.04	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	39

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.98	0.0004	ND	NLE
beta-BHC	1	83.98	0.0004	ND	NLE
gamma-BHC	1	83.98	0.0005	ND	0.52
delta-BHC	1	83.98	0.0005	ND	NLE
Heptachlor	1	83.98	0.0004	ND	0.15
Aldrin	1	83.98	0.0005	ND	0.04
Heptachlor Epoxide	1	83.98	0.0007	ND	NLE
Endosulfan I	1	83.98	0.0006	ND	NLE
4,4'-DDE	1	83.98	0.0005	0.017	2
Dieldrin	1	83.98	0.0006	ND	0.042
Endrin	1	83.98	0.0006	ND	17
Endosulfan II	1	83.98	0.0005	ND	NLE
4,4'-DDD	1	83.98	0.0007	ND	3
Endrin Aldehyde	1	83.98	0.0006	ND	NLE
4,4'-DDT	1	83.98	0.0013	0.020	2
Endosulfan-Sulfate	1	83.98	0.0005	ND	NLE
gamma -Chlordane	1	83.98	0.0006	ND	NLE
alpha-Chlordane	1	83.98	0.0006	ND	NLE
Toxaphene	1	83.98	0.0004	ND	0.1
Arochlor 1016	1	83.98	0.0134	ND	0.49
Arochlor 1221	1	83.98	0.0246	ND	0.49
Arochlor 1232	1	83.98	0.0167	ND	0.49
Arochlor 1242	1	83.98	0.0191	ND	0.49
Arochlor 1248	1	83.98	0.0076	ND	0.49
Arochlor 1254	1	83.98	0.0048	ND	0.49
Arochlor 1260	1	83.98	0.0043	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	40

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.80	0.0003	ND	NLE
beta-BHC	1	88.80	0.0003	ND	NLE
gamma-BHC	1	88.80	0.0004	ND	0.52
delta-BHC	1	88.80	0.0004	ND	NLE
Heptachlor	1	88.80	0.0003	ND	0.15
Aldrin	1	88.80	0.0004	ND	0.04
Heptachlor Epoxide	1	88.80	0.0006	ND	NLE
Endosulfan I	1	88.80	0.0005	ND	NLE
4,4'-DDE	10	88.80	0.0042	0.157	2
Dieldrin	1	88.80	0.0005	ND	0.042
Endrin	1	88.80	0.0005	ND	17
Endosulfan II	1	88.80	0.0004	ND	NLE
4,4'-DDD	1	88.80	0.0006	0.020	3
Endrin Aldehyde	1	88.80	0.0005	ND	NLE
4,4'-DDT	10	88.80	0.0114	0.493	2
Endosulfan-Sulfate	1	88.80	0.0004	ND	NLE
gamma -Chlordane	1	88.80	0.0005	ND	NLE
alpha-Chlordane	1	88.80	0.0005	ND	NLE
Toxaphene	1	88.80	0.0003	ND	0.1
Arochlor 1016	1	88.80	0.0117	ND	0.49
Arochlor 1221	1	88.80	0.0214	ND	0.49
Arochlor 1232	1	88.80	0.0146	ND	0.49
Arochlor 1242	1	88.80	0.0167	ND	0.49
Arochlor 1248	1	88.80	0.0067	ND	0.49
Arochlor 1254	1	88.80	0.0042	ND	0.49
Arochlor 1260	1	88.80	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	41

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.24	0.0003	ND	NLE
beta-BHC	1	92.24	0.0003	ND	NLE
gamma-BHC	1	92.24	0.0004	ND	0.52
delta-BHC	1	92.24	0.0004	ND	NLE
Heptachlor	1	92.24	0.0003	ND	0.15
Aldrin	1	92.24	0.0004	ND	0.04
Heptachlor Epoxide	1	92.24	0.0006	ND	NLE
Endosulfan I	1	92.24	0.0005	ND	NLE
4,4'-DDE	10	92.24	0.0040	0.372	2
Dieldrin	1	92.24	0.0005	ND	0.042
Endrin	1	92.24	0.0005	ND	17
Endosulfan II	1	92.24	0.0004	ND	NLE
4,4'-DDD	1	92.24	0.0006	0.051	3
Endrin Aldehyde	1	92.24	0.0005	ND	NLE
4,4'-DDT	10	92.24	0.0110	0.552	2
Endosulfan-Sulfate	1	92.24	0.0004	ND	NLE
gamma -Chlordane	1	92.24	0.0005	ND	NLE
alpha-Chlordane	1	92.24	0.0005	ND	NLE
Toxaphene	1	92.24	0.0003	ND	0.1
Arochlor 1016	1	92.24	0.0112	ND	0.49
Arochlor 1221	1	92.24	0.0205	ND	0.49
Arochlor 1232	1	92.24	0.0140	ND	0.49
Arochlor 1242	1	92.24	0.0159	ND	0.49
Arochlor 1248	1	92.24	0.0064	ND	0.49
Arochlor 1254	1	92.24	0.0040	ND	0.49
Arochlor 1260	1	92.24	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	42

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.35	0.0003	ND	NLE
beta-BHC	1	91.35	0.0003	ND	NLE
gamma-BHC	1	91.35	0.0004	ND	0.52
delta-BHC	1	91.35	0.0004	ND	NLE
Heptachlor	1	91.35	0.0003	ND	0.15
Aldrin	1	91.35	0.0004	ND	0.04
Heptachlor Epoxide	1	91.35	0.0006	ND	NLE
Endosulfan I	1	91.35	0.0005	ND	NLE
4,4'-DDE	2	91.35	0.0008	0.112	2
Dieldrin	1	91.35	0.0005	ND	0.042
Endrin	1	91.35	0.0005	ND	17
Endosulfan II	1	91.35	0.0004	ND	NLE
4,4'-DDD	1	91.35	0.0006	0.021	3
Endrin Aldehyde	1	91.35	0.0005	ND	NLE
4,4'-DDT	2	91.35	0.0023	0.132	2
Endosulfan-Sulfate	1	91.35	0.0004	ND	NLE
gamma -Chlordane	1	91.35	0.0005	ND	NLE
alpha-Chlordane	1	91.35	0.0005	ND	NLE
Toxaphene	1	91.35	0.0003	ND	0.1
Arochlor 1016	1	91.35	0.0117	ND	0.49
Arochlor 1221	1	91.35	0.0215	ND	0.49
Arochlor 1232	1	91.35	0.0146	ND	0.49
Arochlor 1242	1	91.35	0.0167	ND	0.49
Arochlor 1248	1	91.35	0.0067	ND	0.49
Arochlor 1254	1	91.35	0.0042	ND	0.49
Arochlor 1260	1	91.35	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	43

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.08	0.0003	ND	NLE
beta-BHC	1	92.08	0.0003	ND	NLE
gamma-BHC	1	92.08	0.0004	ND	0.52
delta-BHC	1	92.08	0.0004	ND	NLE
Heptachlor	1	92.08	0.0003	ND	0.15
Aldrin	1	92.08	0.0004	ND	0.04
Heptachlor Epoxide	1	92.08	0.0006	ND	NLE
Endosulfan I	1	92.08	0.0005	ND	NLE
4,4'-DDE	5	92.08	0.0020	0.252	2
Dieldrin	1	92.08	0.0005	ND	0.042
Endrin	1	92.08	0.0005	ND	17
Endosulfan II	1	92.08	0.0004	ND	NLE
4,4'-DDD	5	92.08	0.0030	0.100	3
Endrin Aldehyde	1	92.08	0.0005	ND	NLE
4,4'-DDT	5	92.08	0.0055	0.153	2
Endosulfan-Sulfate	1	92.08	0.0004	ND	NLE
gamma -Chlordane	1	92.08	0.0005	ND	NLE
alpha-Chlordane	1	92.08	0.0005	ND	NLE
Toxaphene	1	92.08	0.0003	ND	0.1
Arochlor 1016	1	92.08	0.0113	ND	0.49
Arochlor 1221	1	92.08	0.0207	ND	0.49
Arochlor 1232	1	92.08	0.0141	ND	0.49
Arochlor 1242	1	92.08	0.0161	ND	0.49
Arochlor 1248	1	92.08	0.0064	ND	0.49
Arochlor 1254	1	92.08	0.0040	ND	0.49
Arochlor 1260	1	92.08	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3984.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/19/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	44

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.26	0.0003	ND	NLE
beta-BHC	1	89.26	0.0003	ND	NLE
gamma-BHC	20	89.26	0.0081	ND	0.52
delta-BHC	1	89.26	0.0004	ND	NLE
Heptachlor	1	89.26	0.0003	ND	0.15
Aldrin	1	89.26	0.0004	ND	0.04
Heptachlor Epoxide	1	89.26	0.0006	ND	NLE
Endosulfan I	1	89.26	0.0005	ND	NLE
4,4'-DDE	20	89.26	0.0081	1.474	2
Dieldrin	1	89.26	0.0005	ND	0.042
Endrin	1	89.26	0.0005	ND	17
Endosulfan II	1	89.26	0.0004	ND	NLE
4,4'-DDD	20	89.26	0.0121	0.308	3
Endrin Aldehyde	1	89.26	0.0005	ND	NLE
4,4'-DDT	20	89.26	0.0222	1.261	2
Endosulfan-Sulfate	1	89.26	0.0004	ND	NLE
gamma -Chlordane	1	89.26	0.0005	0.032	NLE
alpha-Chlordane	1	89.26	0.0005	0.035	NLE
Toxaphene	1	89.26	0.0003	ND	0.1
Arochlor 1016	1	89.26	0.0113	ND	0.49
Arochlor 1221	1	89.26	0.0208	ND	0.49
Arochlor 1232	1	89.26	0.0141	ND	0.49
Arochlor 1242	1	89.26	0.0161	ND	0.49
Arochlor 1248	1	89.26	0.0065	ND	0.49
Arochlor 1254	1	89.26	0.0040	ND	0.49
Arochlor 1260	1	89.26	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	45

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.38	0.0003	ND	NLE
beta-BHC	1	94.38	0.0003	ND	NLE
gamma-BHC	1	94.38	0.0004	ND	0.52
delta-BHC	1	94.38	0.0004	ND	NLE
Heptachlor	1	94.38	0.0003	ND	0.15
Aldrin	1	94.38	0.0004	ND	0.04
Heptachlor Epoxide	1	94.38	0.0006	ND	NLE
Endosulfan I	1	94.38	0.0005	ND	NLE
4,4'-DDE	10	94.38	0.0041	0.916	2
Dieldrin	1	94.38	0.0005	ND	0.042
Endrin	1	94.38	0.0005	ND	17
Endosulfan II	1	94.38	0.0004	ND	NLE
4,4'-DDD	1	94.38	0.0006	0.023	3
Endrin Aldehyde	1	94.38	0.0005	ND	NLE
4,4'-DDT	10	94.38	0.0113	0.687	2
Endosulfan-Sulfate	1	94.38	0.0004	ND	NLE
gamma -Chlordane	1	94.38	0.0005	ND	NLE
alpha-Chlordane	1	94.38	0.0005	ND	NLE
Toxaphene	1	94.38	0.0003	ND	0.1
Arochlor 1016	1	94.38	0.0115	ND	0.49
Arochlor 1221	1	94.38	0.0211	ND	0.49
Arochlor 1232	1	94.38	0.0143	ND	0.49
Arochlor 1242	1	94.38	0.0164	ND	0.49
Arochlor 1248	1	94.38	0.0065	ND	0.49
Arochlor 1254	1	94.38	0.0041	ND	0.49
Arochlor 1260	1	94.38	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	46

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.05	0.0003	ND	NLE
beta-BHC	1	85.05	0.0003	ND	NLE
gamma-BHC	1	85.05	0.0004	ND	0.52
delta-BHC	1	85.05	0.0004	ND	NLE
Heptachlor	1	85.05	0.0003	ND	0.15
Aldrin	1	85.05	0.0004	ND	0.04
Heptachlor Epoxide	1	85.05	0.0007	ND	NLE
Endosulfan I	1	85.05	0.0006	ND	NLE
4,4'-DDE	1	85.05	0.0004	0.013	2
Dieldrin	1	85.05	0.0006	ND	0.042
Endrin	1	85.05	0.0006	ND	17
Endosulfan II	1	85.05	0.0004	ND	NLE
4,4'-DDD	1	85.05	0.0007	ND	3
Endrin Aldehyde	1	85.05	0.0006	ND	NLE
4,4'-DDT	1	85.05	0.0012	0.017	2
Endosulfan-Sulfate	1	85.05	0.0004	ND	NLE
gamma -Chlordane	1	85.05	0.0006	ND	NLE
alpha-Chlordane	1	85.05	0.0006	ND	NLE
Toxaphene	1	85.05	0.0003	ND	0.1
Arochlor 1016	1	85.05	0.0125	ND	0.49
Arochlor 1221	1	85.05	0.0230	ND	0.49
Arochlor 1232	1	85.05	0.0156	ND	0.49
Arochlor 1242	1	85.05	0.0179	ND	0.49
Arochlor 1248	1	85.05	0.0072	ND	0.49
Arochlor 1254	1	85.05	0.0045	ND	0.49
Arochlor 1260	1	85.05	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	47

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.65	0.0003	ND	NLE
beta-BHC	1	88.65	0.0003	ND	NLE
gamma-BHC	1	88.65	0.0004	ND	0.52
delta-BHC	1	88.65	0.0004	ND	NLE
Heptachlor	1	88.65	0.0003	ND	0.15
Aldrin	1	88.65	0.0004	ND	0.04
Heptachlor Epoxide	1	88.65	0.0006	ND	NLE
Endosulfan I	1	88.65	0.0005	ND	NLE
4,4'-DDE	1	88.65	0.0004	0.031	2
Dieldrin	1	88.65	0.0005	ND	0.042
Endrin	1	88.65	0.0005	ND	17
Endosulfan II	1	88.65	0.0004	ND	NLE
4,4'-DDD	1	88.65	0.0006	ND	3
Endrin Aldehyde	1	88.65	0.0005	ND	NLE
4,4'-DDT	1	88.65	0.0012	0.026	2
Endosulfan-Sulfate	1	88.65	0.0004	ND	NLE
gamma -Chlordane	1	88.65	0.0005	ND	NLE
alpha-Chlordane	1	88.65	0.0005	ND	NLE
Toxaphene	1	88.65	0.0003	ND	0.1
Arochlor 1016	1	88.65	0.0121	ND	0.49
Arochlor 1221	1	88.65	0.0222	ND	0.49
Arochlor 1232	1	88.65	0.0151	ND	0.49
Arochlor 1242	1	88.65	0.0173	ND	0.49
Arochlor 1248	1	88.65	0.0069	ND	0.49
Arochlor 1254	1	88.65	0.0043	ND	0.49
Arochlor 1260	1	88.65	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	48

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.13	0.0003	ND	NLE
beta-BHC	1	88.13	0.0003	ND	NLE
gamma-BHC	1	88.13	0.0004	ND	0.52
delta-BHC	1	88.13	0.0004	ND	NLE
Heptachlor	1	88.13	0.0003	ND	0.15
Aldrin	1	88.13	0.0004	ND	0.04
Heptachlor Epoxide	1	88.13	0.0006	ND	NLE
Endosulfan I	1	88.13	0.0005	ND	NLE
4,4'-DDE	1	88.13	0.0004	0.066	2
Dieldrin	1	88.13	0.0005	ND	0.042
Endrin	1	88.13	0.0005	ND	17
Endosulfan II	1	88.13	0.0004	ND	NLE
4,4'-DDD	1	88.13	0.0006	0.004	3
Endrin Aldehyde	1	88.13	0.0005	ND	NLE
4,4'-DDT	1	88.13	0.0012	0.076	2
Endosulfan-Sulfate	1	88.13	0.0004	ND	NLE
gamma -Chlordane	1	88.13	0.0005	ND	NLE
alpha-Chlordane	1	88.13	0.0005	ND	NLE
Toxaphene	1	88.13	0.0003	ND	0.1
Arochlor 1016	1	88.13	0.0118	ND	0.49
Arochlor 1221	1	88.13	0.0217	ND	0.49
Arochlor 1232	1	88.13	0.0148	ND	0.49
Arochlor 1242	1	88.13	0.0169	ND	0.49
Arochlor 1248	1	88.13	0.0067	ND	0.49
Arochlor 1254	1	88.13	0.0042	ND	0.49
Arochlor 1260	1	88.13	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	49

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.68	0.0003	ND	NLE
beta-BHC	1	91.68	0.0003	ND	NLE
gamma-BHC	1	91.68	0.0004	ND	0.52
delta-BHC	1	91.68	0.0004	ND	NLE
Heptachlor	1	91.68	0.0003	ND	0.15
Aldrin	1	91.68	0.0004	ND	0.04
Heptachlor Epoxide	1	91.68	0.0007	ND	NLE
Endosulfan I	1	91.68	0.0006	ND	NLE
4,4'-DDE	1	91.68	0.0004	0.045	2
Dieldrin	1	91.68	0.0006	ND	0.042
Endrin	1	91.68	0.0006	ND	17
Endosulfan II	1	91.68	0.0004	ND	NLE
4,4'-DDD	1	91.68	0.0007	0.024	3
Endrin Aldehyde	1	91.68	0.0006	ND	NLE
4,4'-DDT	1	91.68	0.0012	0.084	2
Endosulfan-Sulfate	1	91.68	0.0004	ND	NLE
gamma -Chlordane	1	91.68	0.0006	ND	NLE
alpha-Chlordane	1	91.68	0.0006	ND	NLE
Toxaphene	1	91.68	0.0003	ND	0.1
Arochlor 1016	1	91.68	0.0123	ND	0.49
Arochlor 1221	1	91.68	0.0227	ND	0.49
Arochlor 1232	1	91.68	0.0154	ND	0.49
Arochlor 1242	1	91.68	0.0176	ND	0.49
Arochlor 1248	1	91.68	0.0071	ND	0.49
Arochlor 1254	1	91.68	0.0044	ND	0.49
Arochlor 1260	1	91.68	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	50

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.92	0.0003	ND	NLE
beta-BHC	1	85.92	0.0003	ND	NLE
gamma-BHC	1	85.92	0.0004	ND	0.52
delta-BHC	1	85.92	0.0004	ND	NLE
Heptachlor	1	85.92	0.0003	ND	0.15
Aldrin	1	85.92	0.0004	ND	0.04
Heptachlor Epoxide	1	85.92	0.0006	ND	NLE
Endosulfan I	1	85.92	0.0005	ND	NLE
4,4'-DDE	10	85.92	0.0043	0.680	2
Dieldrin	1	85.92	0.0005	ND	0.042
Endrin	1	85.92	0.0005	ND	17
Endosulfan II	1	85.92	0.0004	ND	NLE
4,4'-DDD	1	85.92	0.0006	0.022	3
Endrin Aldehyde	1	85.92	0.0005	ND	NLE
4,4'-DDT	10	85.92	0.0117	0.554	2
Endosulfan-Sulfate	1	85.92	0.0004	ND	NLE
gamma -Chlordane	1	85.92	0.0005	ND	NLE
alpha-Chlordane	1	85.92	0.0005	ND	NLE
Toxaphene	1	85.92	0.0003	ND	0.1
Arochlor 1016	1	85.92	0.0120	ND	0.49
Arochlor 1221	1	85.92	0.0220	ND	0.49
Arochlor 1232	1	85.92	0.0149	ND	0.49
Arochlor 1242	1	85.92	0.0171	ND	0.49
Arochlor 1248	1	85.92	0.0068	ND	0.49
Arochlor 1254	1	85.92	0.0043	ND	0.49
Arochlor 1260	1	85.92	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	51

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.85	0.0003	ND	NLE
beta-BHC	1	86.85	0.0003	ND	NLE
gamma-BHC	1	86.85	0.0004	0.005	0.52
delta-BHC	1	86.85	0.0004	ND	NLE
Heptachlor	1	86.85	0.0003	ND	0.15
Aldrin	1	86.85	0.0004	ND	0.04
Heptachlor Epoxide	1	86.85	0.0006	ND	NLE
Endosulfan I	1	86.85	0.0005	ND	NLE
4,4'-DDE	10	86.85	0.0042	0.298	2
Dieldrin	1	86.85	0.0005	ND	0.042
Endrin	1	86.85	0.0005	ND	17
Endosulfan II	1	86.85	0.0004	ND	NLE
4,4'-DDD	1	86.85	0.0006	0.023	3
Endrin Aldehyde	1	86.85	0.0005	ND	NLE
4,4'-DDT	10	86.85	0.0115	0.440	2
Endosulfan-Sulfate	1	86.85	0.0004	ND	NLE
gamma -Chlordane	1	86.85	0.0005	ND	NLE
alpha-Chlordane	1	86.85	0.0005	ND	NLE
Toxaphene	1	86.85	0.0003	ND	0.1
Arochlor 1016	1	86.85	0.0117	ND	0.49
Arochlor 1221	1	86.85	0.0216	ND	0.49
Arochlor 1232	1	86.85	0.0147	ND	0.49
Arochlor 1242	1	86.85	0.0168	ND	0.49
Arochlor 1248	1	86.85	0.0067	ND	0.49
Arochlor 1254	1	86.85	0.0042	ND	0.49
Arochlor 1260	1	86.85	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	52

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.01	0.0003	ND	NLE
beta-BHC	1	90.01	0.0003	ND	NLE
gamma-BHC	1	90.01	0.0004	ND	0.52
delta-BHC	1	90.01	0.0004	ND	NLE
Heptachlor	1	90.01	0.0003	ND	0.15
Aldrin	1	90.01	0.0004	ND	0.04
Heptachlor Epoxide	1	90.01	0.0006	ND	NLE
Endosulfan I	1	90.01	0.0005	ND	NLE
4,4'-DDE	2	90.01	0.0008	0.107	2
Dieldrin	1	90.01	0.0005	ND	0.042
Endrin	1	90.01	0.0005	ND	17
Endosulfan II	1	90.01	0.0004	ND	NLE
4,4'-DDD	1	90.01	0.0006	0.090	3
Endrin Aldehyde	1	90.01	0.0005	ND	NLE
4,4'-DDT	1	90.01	0.0011	0.094	2
Endosulfan-Sulfate	1	90.01	0.0004	ND	NLE
gamma -Chlordane	1	90.01	0.0005	0.004	NLE
alpha-Chlordane	1	90.01	0.0005	0.004	NLE
Toxaphene	1	90.01	0.0003	ND	0.1
Arochlor 1016	1	90.01	0.0114	ND	0.49
Arochlor 1221	1	90.01	0.0210	ND	0.49
Arochlor 1232	1	90.01	0.0143	ND	0.49
Arochlor 1242	1	90.01	0.0163	ND	0.49
Arochlor 1248	1	90.01	0.0065	ND	0.49
Arochlor 1254	1	90.01	0.0041	ND	0.49
Arochlor 1260	1	90.01	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	53

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.23	0.0003	ND	NLE
beta-BHC	1	91.23	0.0003	ND	NLE
gamma-BHC	1	91.23	0.0004	ND	0.52
delta-BHC	1	91.23	0.0004	ND	NLE
Heptachlor	1	91.23	0.0003	ND	0.15
Aldrin	1	91.23	0.0004	ND	0.04
Heptachlor Epoxide	1	91.23	0.0006	ND	NLE
Endosulfan I	1	91.23	0.0005	ND	NLE
4,4'-DDE	10	91.23	0.0040	0.214	2
Dieldrin	1	91.23	0.0005	ND	0.042
Endrin	1	91.23	0.0005	ND	17
Endosulfan II	1	91.23	0.0004	ND	NLE
4,4'-DDD	10	91.23	0.0060	0.488	3
Endrin Aldehyde	1	91.23	0.0005	ND	NLE
4,4'-DDT	10	91.23	0.0111	0.167	2
Endosulfan-Sulfate	1	91.23	0.0004	ND	NLE
gamma -Chlordane	1	91.23	0.0005	0.091	NLE
alpha-Chlordane	1	91.23	0.0005	0.092	NLE
Toxaphene	1	91.23	0.0003	ND	0.1
Arochlor 1016	1	91.23	0.0113	ND	0.49
Arochlor 1221	1	91.23	0.0207	ND	0.49
Arochlor 1232	1	91.23	0.0141	ND	0.49
Arochlor 1242	1	91.23	0.0161	ND	0.49
Arochlor 1248	1	91.23	0.0064	ND	0.49
Arochlor 1254	1	91.23	0.0040	ND	0.49
Arochlor 1260	1	91.23	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	54

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.83	0.0003	ND	NLE
beta-BHC	1	85.83	0.0003	ND	NLE
gamma-BHC	1	85.83	0.0004	ND	0.52
delta-BHC	1	85.83	0.0004	ND	NLE
Heptachlor	1	85.83	0.0003	ND	0.15
Aldrin	1	85.83	0.0004	ND	0.04
Heptachlor Epoxide	1	85.83	0.0007	ND	NLE
Endosulfan I	1	85.83	0.0006	ND	NLE
4,4'-DDE	1	85.83	0.0004	0.064	2
Dieldrin	1	85.83	0.0006	ND	0.042
Endrin	1	85.83	0.0006	ND	17
Endosulfan II	1	85.83	0.0004	ND	NLE
4,4'-DDD	1	85.83	0.0007	0.006	3
Endrin Aldehyde	1	85.83	0.0006	ND	NLE
4,4'-DDT	1	85.83	0.0012	0.056	2
Endosulfan-Sulfate	1	85.83	0.0004	ND	NLE
gamma -Chlordane	1	85.83	0.0006	ND	NLE
alpha-Chlordane	1	85.83	0.0006	ND	NLE
Toxaphene	1	85.83	0.0003	ND	0.1
Arochlor 1016	1	85.83	0.0124	ND	0.49
Arochlor 1221	1	85.83	0.0228	ND	0.49
Arochlor 1232	1	85.83	0.0155	ND	0.49
Arochlor 1242	1	85.83	0.0177	ND	0.49
Arochlor 1248	1	85.83	0.0071	ND	0.49
Arochlor 1254	1	85.83	0.0044	ND	0.49
Arochlor 1260	1	85.83	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/24/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	55

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.20	0.0003	ND	NLE
beta-BHC	1	84.20	0.0003	ND	NLE
gamma-BHC	1	84.20	0.0005	ND	0.52
delta-BHC	1	84.20	0.0005	ND	NLE
Heptachlor	1	84.20	0.0003	ND	0.15
Aldrin	1	84.20	0.0005	ND	0.04
Heptachlor Epoxide	1	84.20	0.0007	ND	NLE
Endosulfan I	1	84.20	0.0006	ND	NLE
4,4'-DDE	1	84.20	0.0005	0.006	2
Dieldrin	1	84.20	0.0006	ND	0.042
Endrin	1	84.20	0.0006	ND	17
Endosulfan II	1	84.20	0.0005	ND	NLE
4,4'-DDD	1	84.20	0.0007	ND	3
Endrin Aldehyde	1	84.20	0.0006	ND	NLE
4,4'-DDT	1	84.20	0.0012	0.008	2
Endosulfan-Sulfate	1	84.20	0.0005	ND	NLE
gamma -Chlordane	1	84.20	0.0006	ND	NLE
alpha-Chlordane	1	84.20	0.0006	ND	NLE
Toxaphene	1	84.20	0.0003	ND	0.1
Arochlor 1016	1	84.20	0.0127	ND	0.49
Arochlor 1221	1	84.20	0.0234	ND	0.49
Arochlor 1232	1	84.20	0.0159	ND	0.49
Arochlor 1242	1	84.20	0.0181	ND	0.49
Arochlor 1248	1	84.20	0.0073	ND	0.49
Arochlor 1254	1	84.20	0.0045	ND	0.49
Arochlor 1260	1	84.20	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	56

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.78	0.0003	ND	NLE
beta-BHC	1	93.78	0.0003	ND	NLE
gamma-BHC	1	93.78	0.0004	ND	0.52
delta-BHC	1	93.78	0.0004	ND	NLE
Heptachlor	1	93.78	0.0003	ND	0.15
Aldrin	1	93.78	0.0004	ND	0.04
Heptachlor Epoxide	1	93.78	0.0006	ND	NLE
Endosulfan I	1	93.78	0.0005	ND	NLE
4,4'-DDE	10	93.78	0.0040	0.184	2
Dieldrin	1	93.78	0.0005	ND	0.042
Endrin	1	93.78	0.0005	ND	17
Endosulfan II	1	93.78	0.0004	ND	NLE
4,4'-DDD	1	93.78	0.0006	0.011	3
Endrin Aldehyde	1	93.78	0.0005	ND	NLE
4,4'-DDT	10	93.78	0.0111	0.269	2
Endosulfan-Sulfate	1	93.78	0.0004	ND	NLE
gamma -Chlordane	1	93.78	0.0005	ND	NLE
alpha-Chlordane	1	93.78	0.0005	ND	NLE
Toxaphene	1	93.78	0.0003	ND	0.1
Arochlor 1016	1	93.78	0.0113	ND	0.49
Arochlor 1221	1	93.78	0.0208	ND	0.49
Arochlor 1232	1	93.78	0.0142	ND	0.49
Arochlor 1242	1	93.78	0.0162	ND	0.49
Arochlor 1248	1	93.78	0.0065	ND	0.49
Arochlor 1254	1	93.78	0.0040	ND	0.49
Arochlor 1260	1	93.78	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/6/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	57

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.72	0.0003	ND	NLE
beta-BHC	1	92.72	0.0003	ND	NLE
gamma-BHC	1	92.72	0.0004	0.003	0.52
delta-BHC	1	92.72	0.0004	ND	NLE
Heptachlor	1	92.72	0.0003	ND	0.15
Aldrin	1	92.72	0.0004	ND	0.04
Heptachlor Epoxide	1	92.72	0.0006	ND	NLE
Endosulfan I	1	92.72	0.0005	ND	NLE
4,4'-DDE	5	92.72	0.0021	0.113	2
Dieldrin	1	92.72	0.0005	ND	0.042
Endrin	1	92.72	0.0005	ND	17
Endosulfan II	1	92.72	0.0004	ND	NLE
4,4'-DDD	1	92.72	0.0006	0.014	3
Endrin Aldehyde	1	92.72	0.0005	ND	NLE
4,4'-DDT	5	92.72	0.0057	0.218	2
Endosulfan-Sulfate	1	92.72	0.0004	ND	NLE
gamma -Chlordane	1	92.72	0.0005	ND	NLE
alpha-Chlordane	1	92.72	0.0005	ND	NLE
Toxaphene	1	92.72	0.0003	ND	0.1
Arochlor 1016	1	92.72	0.0117	ND	0.49
Arochlor 1221	1	92.72	0.0215	ND	0.49
Arochlor 1232	1	92.72	0.0146	ND	0.49
Arochlor 1242	1	92.72	0.0167	ND	0.49
Arochlor 1248	1	92.72	0.0067	ND	0.49
Arochlor 1254	1	92.72	0.0042	ND	0.49
Arochlor 1260	1	92.72	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	58

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	95.35	0.0003	ND	NLE
beta-BHC	1	95.35	0.0003	ND	NLE
gamma-BHC	1	95.35	0.0004	ND	0.52
delta-BHC	1	95.35	0.0004	ND	NLE
Heptachlor	1	95.35	0.0003	ND	0.15
Aldrin	1	95.35	0.0004	ND	0.04
Heptachlor Epoxide	1	95.35	0.0006	ND	NLE
Endosulfan I	1	95.35	0.0005	ND	NLE
4,4'-DDE	1	95.35	0.0004	0.075	2
Dieldrin	1	95.35	0.0005	ND	0.042
Endrin	1	95.35	0.0005	ND	17
Endosulfan II	1	95.35	0.0004	ND	NLE
4,4'-DDD	1	95.35	0.0006	0.005	3
Endrin Aldehyde	1	95.35	0.0005	ND	NLE
4,4'-DDT	1	95.35	0.0011	0.069	2
Endosulfan-Sulfate	1	95.35	0.0004	ND	NLE
gamma -Chlordane	1	95.35	0.0005	ND	NLE
alpha-Chlordane	1	95.35	0.0005	ND	NLE
Toxaphene	1	95.35	0.0003	ND	0.1
Arochlor 1016	1	95.35	0.0112	ND	0.49
Arochlor 1221	1	95.35	0.0206	ND	0.49
Arochlor 1232	1	95.35	0.0140	ND	0.49
Arochlor 1242	1	95.35	0.0160	ND	0.49
Arochlor 1248	1	95.35	0.0064	ND	0.49
Arochlor 1254	1	95.35	0.0040	ND	0.49
Arochlor 1260	1	95.35	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	59

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.37	0.0003	ND	NLE
beta-BHC	1	86.37	0.0003	ND	NLE
gamma-BHC	1	86.37	0.0004	ND	0.52
delta-BHC	1	86.37	0.0004	ND	NLE
Heptachlor	1	86.37	0.0003	ND	0.15
Aldrin	1	86.37	0.0004	ND	0.04
Heptachlor Epoxide	1	86.37	0.0006	ND	NLE
Endosulfan I	1	86.37	0.0005	ND	NLE
4,4'-DDE	1	86.37	0.0004	0.045	2
Dieldrin	1	86.37	0.0005	ND	0.042
Endrin	1	86.37	0.0005	ND	17
Endosulfan II	1	86.37	0.0004	ND	NLE
4,4'-DDD	1	86.37	0.0006	0.013	3
Endrin Aldehyde	1	86.37	0.0005	ND	NLE
4,4'-DDT	2	86.37	0.0023	0.102	2
Endosulfan-Sulfate	1	86.37	0.0004	ND	NLE
gamma -Chlordane	1	86.37	0.0005	ND	NLE
alpha-Chlordane	1	86.37	0.0005	ND	NLE
Toxaphene	1	86.37	0.0003	ND	0.1
Arochlor 1016	1	86.37	0.0118	ND	0.49
Arochlor 1221	1	86.37	0.0217	ND	0.49
Arochlor 1232	1	86.37	0.0148	ND	0.49
Arochlor 1242	1	86.37	0.0169	ND	0.49
Arochlor 1248	1	86.37	0.0068	ND	0.49
Arochlor 1254	1	86.37	0.0042	ND	0.49
Arochlor 1260	1	86.37	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.32
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	60

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.56	0.0003	ND	NLE
beta-BHC	1	83.56	0.0003	ND	NLE
gamma-BHC	1	83.56	0.0004	0.004	0.52
delta-BHC	1	83.56	0.0004	ND	NLE
Heptachlor	1	83.56	0.0003	ND	0.15
Aldrin	1	83.56	0.0004	ND	0.04
Heptachlor Epoxide	1	83.56	0.0007	ND	NLE
Endosulfan I	1	83.56	0.0006	ND	NLE
4,4'-DDE	10	83.56	0.0045	0.310	2
Dieldrin	1	83.56	0.0006	ND	0.042
Endrin	1	83.56	0.0006	ND	17
Endosulfan II	1	83.56	0.0004	ND	NLE
4,4'-DDD	1	83.56	0.0007	0.024	3
Endrin Aldehyde	1	83.56	0.0006	ND	NLE
4,4'-DDT	10	83.56	0.0123	0.371	2
Endosulfan-Sulfate	1	83.56	0.0004	ND	NLE
gamma -Chlordane	1	83.56	0.0006	0.001	NLE
alpha-Chlordane	1	83.56	0.0006	0.002	NLE
Toxaphene	1	83.56	0.0003	ND	0.1
Arochlor 1016	1	83.56	0.0126	ND	0.49
Arochlor 1221	1	83.56	0.0231	ND	0.49
Arochlor 1232	1	83.56	0.0157	ND	0.49
Arochlor 1242	1	83.56	0.0179	ND	0.49
Arochlor 1248	1	83.56	0.0072	ND	0.49
Arochlor 1254	1	83.56	0.0045	ND	0.49
Arochlor 1260	1	83.56	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.34
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	61

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.77	0.0003	ND	NLE
beta-BHC	1	91.77	0.0003	ND	NLE
gamma-BHC	1	91.77	0.0004	ND	0.52
delta-BHC	1	91.77	0.0004	ND	NLE
Heptachlor	1	91.77	0.0003	ND	0.15
Aldrin	1	91.77	0.0004	ND	0.04
Heptachlor Epoxide	1	91.77	0.0006	ND	NLE
Endosulfan I	1	91.77	0.0005	ND	NLE
4,4'-DDE	1	91.77	0.0004	0.049	2
Dieldrin	1	91.77	0.0005	ND	0.042
Endrin	1	91.77	0.0005	ND	17
Endosulfan II	1	91.77	0.0004	ND	NLE
4,4'-DDD	1	91.77	0.0006	0.014	3
Endrin Aldehyde	1	91.77	0.0005	ND	NLE
4,4'-DDT	2	91.77	0.0022	0.106	2
Endosulfan-Sulfate	1	91.77	0.0004	ND	NLE
gamma -Chlordane	1	91.77	0.0005	ND	NLE
alpha-Chlordane	1	91.77	0.0005	ND	NLE
Toxaphene	1	91.77	0.0003	ND	0.1
Arochlor 1016	1	91.77	0.0113	ND	0.49
Arochlor 1221	1	91.77	0.0208	ND	0.49
Arochlor 1232	1	91.77	0.0142	ND	0.49
Arochlor 1242	1	91.77	0.0162	ND	0.49
Arochlor 1248	1	91.77	0.0065	ND	0.49
Arochlor 1254	1	91.77	0.0040	ND	0.49
Arochlor 1260	1	91.77	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.36
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	62

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.18	0.0003	ND	NLE
beta-BHC	1	89.18	0.0003	ND	NLE
gamma-BHC	1	89.18	0.0004	ND	0.52
delta-BHC	1	89.18	0.0004	ND	NLE
Heptachlor	1	89.18	0.0003	ND	0.15
Aldrin	1	89.18	0.0004	ND	0.04
Heptachlor Epoxide	1	89.18	0.0006	ND	NLE
Endosulfan I	1	89.18	0.0005	ND	NLE
4,4'-DDE	1	89.18	0.0004	0.022	2
Dieldrin	1	89.18	0.0005	ND	0.042
Endrin	1	89.18	0.0005	ND	17
Endosulfan II	1	89.18	0.0004	ND	NLE
4,4'-DDD	1	89.18	0.0006	0.008	3
Endrin Aldehyde	1	89.18	0.0005	ND	NLE
4,4'-DDT	1	89.18	0.0012	0.027	2
Endosulfan-Sulfate	1	89.18	0.0004	ND	NLE
gamma -Chlordane	1	89.18	0.0005	ND	NLE
alpha-Chlordane	1	89.18	0.0005	ND	NLE
Toxaphene	1	89.18	0.0003	ND	0.1
Arochlor 1016	1	89.18	0.0120	ND	0.49
Arochlor 1221	1	89.18	0.0220	ND	0.49
Arochlor 1232	1	89.18	0.0150	ND	0.49
Arochlor 1242	1	89.18	0.0171	ND	0.49
Arochlor 1248	1	89.18	0.0068	ND	0.49
Arochlor 1254	1	89.18	0.0043	ND	0.49
Arochlor 1260	1	89.18	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.38
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	63

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.47	0.0003	ND	NLE
beta-BHC	1	92.47	0.0003	ND	NLE
gamma-BHC	1	92.47	0.0004	ND	0.52
delta-BHC	1	92.47	0.0004	ND	NLE
Heptachlor	1	92.47	0.0003	ND	0.15
Aldrin	1	92.47	0.0004	ND	0.04
Heptachlor Epoxide	1	92.47	0.0006	ND	NLE
Endosulfan I	1	92.47	0.0005	ND	NLE
4,4'-DDE	1	92.47	0.0004	0.059	2
Dieldrin	1	92.47	0.0005	ND	0.042
Endrin	1	92.47	0.0005	ND	17
Endosulfan II	1	92.47	0.0004	ND	NLE
4,4'-DDD	1	92.47	0.0006	0.007	3
Endrin Aldehyde	1	92.47	0.0005	ND	NLE
4,4'-DDT	2	92.47	0.0022	0.115	2
Endosulfan-Sulfate	1	92.47	0.0004	ND	NLE
gamma -Chlordane	1	92.47	0.0005	0.001	NLE
alpha-Chlordane	1	92.47	0.0005	0.003	NLE
Toxaphene	1	92.47	0.0003	ND	0.1
Arochlor 1016	1	92.47	0.0114	ND	0.49
Arochlor 1221	1	92.47	0.0211	ND	0.49
Arochlor 1232	1	92.47	0.0143	ND	0.49
Arochlor 1242	1	92.47	0.0164	ND	0.49
Arochlor 1248	1	92.47	0.0065	ND	0.49
Arochlor 1254	1	92.47	0.0041	ND	0.49
Arochlor 1260	1	92.47	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3989.40
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	64

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.66	0.0003	ND	NLE
beta-BHC	1	91.66	0.0003	ND	NLE
gamma-BHC	1	91.66	0.0004	ND	0.52
delta-BHC	1	91.66	0.0004	ND	NLE
Heptachlor	1	91.66	0.0003	ND	0.15
Aldrin	1	91.66	0.0004	ND	0.04
Heptachlor Epoxide	1	91.66	0.0006	ND	NLE
Endosulfan I	1	91.66	0.0005	ND	NLE
4,4'-DDE	1	91.66	0.0004	0.042	2
Dieldrin	1	91.66	0.0005	ND	0.042
Endrin	1	91.66	0.0005	ND	17
Endosulfan II	1	91.66	0.0004	ND	NLE
4,4'-DDD	1	91.66	0.0006	0.009	3
Endrin Aldehyde	1	91.66	0.0005	ND	NLE
4,4'-DDT	1	91.66	0.0011	0.032	2
Endosulfan-Sulfate	1	91.66	0.0004	ND	NLE
gamma -Chlordane	1	91.66	0.0005	0.001	NLE
alpha-Chlordane	1	91.66	0.0005	0.003	NLE
Toxaphene	1	91.66	0.0003	ND	0.1
Arochlor 1016	1	91.66	0.0112	ND	0.49
Arochlor 1221	1	91.66	0.0205	ND	0.49
Arochlor 1232	1	91.66	0.0140	ND	0.49
Arochlor 1242	1	91.66	0.0160	ND	0.49
Arochlor 1248	1	91.66	0.0064	ND	0.49
Arochlor 1254	1	91.66	0.0040	ND	0.49
Arochlor 1260	1	91.66	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	64A

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.39	0.0003	ND	NLE
beta-BHC	1	94.39	0.0003	ND	NLE
gamma-BHC	1	94.39	0.0004	0.002	0.52
delta-BHC	1	94.39	0.0004	ND	NLE
Heptachlor	1	94.39	0.0003	ND	0.15
Aldrin	1	94.39	0.0004	ND	0.04
Heptachlor Epoxide	1	94.39	0.0006	ND	NLE
Endosulfan I	1	94.39	0.0005	ND	NLE
4,4'-DDE	50	94.39	0.0195	0.465	2
Dieldrin	1	94.39	0.0005	ND	0.042
Endrin	1	94.39	0.0005	ND	17
Endosulfan II	1	94.39	0.0004	ND	NLE
4,4'-DDD	50	94.39	0.0293	0.153	3
Endrin Aldehyde	1	94.39	0.0005	ND	NLE
4,4'-DDT	50	94.39	0.0537	1.450	2
Endosulfan-Sulfate	1	94.39	0.0004	ND	NLE
gamma -Chlordane	1	94.39	0.0005	0.016	NLE
alpha-Chlordane	1	94.39	0.0005	0.022	NLE
Toxaphene	1	94.39	0.0003	ND	0.1
Arochlor 1016	1	94.39	0.0109	ND	0.49
Arochlor 1221	1	94.39	0.0201	ND	0.49
Arochlor 1232	1	94.39	0.0137	ND	0.49
Arochlor 1242	1	94.39	0.0156	ND	0.49
Arochlor 1248	1	94.39	0.0062	ND	0.49
Arochlor 1254	1	94.39	0.0039	ND	0.49
Arochlor 1260	1	94.39	0.0035	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	3996.04 10/21/98 10/27/98 11/7/98
Analysis: **Matrix:** **Analyst:**	SW-846 Method 8081/8082 Soil D. Wright	**Location :** **Field ID:**	M-3 65

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.00	0.0003	ND	NLE
beta-BHC	1	92.00	0.0003	ND	NLE
gamma-BHC	1	92.00	0.0004	ND	0.52
delta-BHC	1	92.00	0.0004	ND	NLE
Heptachlor	1	92.00	0.0003	ND	0.15
Aldrin	1	92.00	0.0004	ND	0.04
Heptachlor Epoxide	1	92.00	0.0006	ND	NLE
Endosulfan I	1	92.00	0.0005	ND	NLE
4,4'-DDE	1	92.00	0.0004	0.013	2
Dieldrin	1	92.00	0.0005	ND	0.042
Endrin	1	92.00	0.0005	ND	17
Endosulfan II	1	92.00	0.0004	ND	NLE
4,4'-DDD	1	92.00	0.0006	ND	3
Endrin Aldehyde	1	92.00	0.0005	ND	NLE
4,4'-DDT	1	92.00	0.0011	0.012	2
Endosulfan-Sulfate	1	92.00	0.0004	ND	NLE
gamma -Chlordane	1	92.00	0.0005	ND	NLE
alpha-Chlordane	1	92.00	0.0005	ND	NLE
Toxaphene	1	92.00	0.0003	ND	0.1
Arochlor 1016	1	92.00	0.0112	ND	0.49
Arochlor 1221	1	92.00	0.0205	ND	0.49
Arochlor 1232	1	92.00	0.0139	ND	0.49
Arochlor 1242	1	92.00	0.0159	ND	0.49
Arochlor 1248	1	92.00	0.0064	ND	0.49
Arochlor 1254	1	92.00	0.0040	ND	0.49
Arochlor 1260	1	92.00	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	66

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.56	0.0003	ND	NLE
beta-BHC	1	89.56	0.0003	ND	NLE
gamma-BHC	1	89.56	0.0004	ND	0.52
delta-BHC	1	89.56	0.0004	ND	NLE
Heptachlor	1	89.56	0.0003	ND	0.15
Aldrin	1	89.56	0.0004	ND	0.04
Heptachlor Epoxide	1	89.56	0.0006	ND	NLE
Endosulfan I	1	89.56	0.0005	ND	NLE
4,4'-DDE	2	89.56	0.0008	0.139	2
Dieldrin	1	89.56	0.0005	ND	0.042
Endrin	1	89.56	0.0005	ND	17
Endosulfan II	1	89.56	0.0004	ND	NLE
4,4'-DDD	1	89.56	0.0006	0.010	3
Endrin Aldehyde	1	89.56	0.0005	ND	NLE
4,4'-DDT	2	89.56	0.0023	0.147	2
Endosulfan-Sulfate	1	89.56	0.0004	ND	NLE
gamma -Chlordane	1	89.56	0.0005	ND	NLE
alpha-Chlordane	1	89.56	0.0005	ND	NLE
Toxaphene	1	89.56	0.0003	ND	0.1
Arochlor 1016	1	89.56	0.0116	ND	0.49
Arochlor 1221	1	89.56	0.0213	ND	0.49
Arochlor 1232	1	89.56	0.0145	ND	0.49
Arochlor 1242	1	89.56	0.0165	ND	0.49
Arochlor 1248	1	89.56	0.0066	ND	0.49
Arochlor 1254	1	89.56	0.0041	ND	0.49
Arochlor 1260	1	89.56	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	67

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.31	0.0003	ND	NLE
beta-BHC	1	87.31	0.0003	ND	NLE
gamma-BHC	1	87.31	0.0004	ND	0.52
delta-BHC	1	87.31	0.0004	ND	NLE
Heptachlor	1	87.31	0.0003	ND	0.15
Aldrin	1	87.31	0.0004	ND	0.04
Heptachlor Epoxide	1	87.31	0.0007	ND	NLE
Endosulfan I	1	87.31	0.0006	ND	NLE
4,4'-DDE	1	87.31	0.0004	0.045	2
Dieldrin	1	87.31	0.0006	ND	0.042
Endrin	1	87.31	0.0006	ND	17
Endosulfan II	1	87.31	0.0004	ND	NLE
4,4'-DDD	1	87.31	0.0007	0.005	3
Endrin Aldehyde	1	87.31	0.0006	ND	NLE
4,4'-DDT	1	87.31	0.0012	0.071	2
Endosulfan-Sulfate	1	87.31	0.0004	ND	NLE
gamma -Chlordane	1	87.31	0.0006	ND	NLE
alpha-Chlordane	1	87.31	0.0006	ND	NLE
Toxaphene	1	87.31	0.0003	ND	0.1
Arochlor 1016	1	87.31	0.0125	ND	0.49
Arochlor 1221	1	87.31	0.0230	ND	0.49
Arochlor 1232	1	87.31	0.0157	ND	0.49
Arochlor 1242	1	87.31	0.0179	ND	0.49
Arochlor 1248	1	87.31	0.0072	ND	0.49
Arochlor 1254	1	87.31	0.0045	ND	0.49
Arochlor 1260	1	87.31	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	68

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.09	0.0003	ND	NLE
beta-BHC	1	87.09	0.0003	ND	NLE
gamma-BHC	1	87.09	0.0004	0.006	0.52
delta-BHC	1	87.09	0.0004	ND	NLE
Heptachlor	1	87.09	0.0003	ND	0.15
Aldrin	1	87.09	0.0004	ND	0.04
Heptachlor Epoxide	1	87.09	0.0006	ND	NLE
Endosulfan I	1	87.09	0.0005	ND	NLE
4,4'-DDE	1	87.09	0.0004	0.071	2
Dieldrin	1	87.09	0.0005	ND	0.042
Endrin	1	87.09	0.0005	ND	17
Endosulfan II	1	87.09	0.0004	ND	NLE
4,4'-DDD	1	87.09	0.0006	0.008	3
Endrin Aldehyde	1	87.09	0.0005	ND	NLE
4,4'-DDT	1	87.09	0.0012	0.082	2
Endosulfan-Sulfate	1	87.09	0.0004	ND	NLE
gamma -Chlordane	1	87.09	0.0005	ND	NLE
alpha-Chlordane	1	87.09	0.0005	ND	NLE
Toxaphene	1	87.09	0.0003	ND	0.1
Arochlor 1016	1	87.09	0.0118	ND	0.49
Arochlor 1221	1	87.09	0.0217	ND	0.49
Arochlor 1232	1	87.09	0.0148	ND	0.49
Arochlor 1242	1	87.09	0.0169	ND	0.49
Arochlor 1248	1	87.09	0.0068	ND	0.49
Arochlor 1254	1	87.09	0.0042	ND	0.49
Arochlor 1260	1	87.09	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	69

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.63	0.0003	ND	NLE
beta-BHC	1	90.63	0.0003	ND	NLE
gamma-BHC	1	90.63	0.0004	0.002	0.52
delta-BHC	1	90.63	0.0004	ND	NLE
Heptachlor	1	90.63	0.0003	ND	0.15
Aldrin	1	90.63	0.0004	ND	0.04
Heptachlor Epoxide	1	90.63	0.0006	ND	NLE
Endosulfan I	1	90.63	0.0005	ND	NLE
4,4'-DDE	10	90.63	0.0040	0.699	2
Dieldrin	1	90.63	0.0005	ND	0.042
Endrin	1	90.63	0.0005	ND	17
Endosulfan II	1	90.63	0.0004	ND	NLE
4,4'-DDD	1	90.63	0.0006	0.050	3
Endrin Aldehyde	1	90.63	0.0005	ND	NLE
4,4'-DDT	10	90.63	0.0111	0.629	2
Endosulfan-Sulfate	1	90.63	0.0004	ND	NLE
gamma -Chlordane	1	90.63	0.0005	0.002	NLE
alpha-Chlordane	1	90.63	0.0005	0.003	NLE
Toxaphene	1	90.63	0.0003	ND	0.1
Arochlor 1016	1	90.63	0.0113	ND	0.49
Arochlor 1221	1	90.63	0.0208	ND	0.49
Arochlor 1232	1	90.63	0.0142	ND	0.49
Arochlor 1242	1	90.63	0.0162	ND	0.49
Arochlor 1248	1	90.63	0.0065	ND	0.49
Arochlor 1254	1	90.63	0.0040	ND	0.49
Arochlor 1260	1	90.63	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	70

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.44	0.0003	ND	NLE
beta-BHC	1	91.44	0.0003	ND	NLE
gamma-BHC	1	91.44	0.0004	ND	0.52
delta-BHC	1	91.44	0.0004	ND	NLE
Heptachlor	1	91.44	0.0003	ND	0.15
Aldrin	1	91.44	0.0004	ND	0.04
Heptachlor Epoxide	1	91.44	0.0006	ND	NLE
Endosulfan I	1	91.44	0.0005	ND	NLE
4,4'-DDE	1	91.44	0.0004	0.011	2
Dieldrin	1	91.44	0.0005	ND	0.042
Endrin	1	91.44	0.0005	ND	17
Endosulfan II	1	91.44	0.0004	ND	NLE
4,4'-DDD	1	91.44	0.0006	0.020	3
Endrin Aldehyde	1	91.44	0.0005	ND	NLE
4,4'-DDT	1	91.44	0.0012	0.022	2
Endosulfan-Sulfate	1	91.44	0.0004	ND	NLE
gamma -Chlordane	1	91.44	0.0005	ND	NLE
alpha-Chlordane	1	91.44	0.0005	ND	NLE
Toxaphene	1	91.44	0.0003	ND	0.1
Arochlor 1016	1	91.44	0.0121	ND	0.49
Arochlor 1221	1	91.44	0.0222	ND	0.49
Arochlor 1232	1	91.44	0.0151	ND	0.49
Arochlor 1242	1	91.44	0.0173	ND	0.49
Arochlor 1248	1	91.44	0.0069	ND	0.49
Arochlor 1254	1	91.44	0.0043	ND	0.49
Arochlor 1260	1	91.44	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	71

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.10	0.0003	ND	NLE
beta-BHC	1	90.10	0.0003	ND	NLE
gamma-BHC	1	90.10	0.0004	0.004	0.52
delta-BHC	1	90.10	0.0004	ND	NLE
Heptachlor	1	90.10	0.0003	ND	0.15
Aldrin	1	90.10	0.0004	ND	0.04
Heptachlor Epoxide	1	90.10	0.0006	ND	NLE
Endosulfan I	1	90.10	0.0005	ND	NLE
4,4'-DDE	10	90.10	0.0042	0.414	2
Dieldrin	1	90.10	0.0005	ND	0.042
Endrin	1	90.10	0.0005	ND	17
Endosulfan II	1	90.10	0.0004	ND	NLE
4,4'-DDD	1	90.10	0.0006	0.054	3
Endrin Aldehyde	1	90.10	0.0005	ND	NLE
4,4'-DDT	10	90.10	0.0115	0.438	2
Endosulfan-Sulfate	1	90.10	0.0004	ND	NLE
gamma -Chlordane	1	90.10	0.0005	0.002	NLE
alpha-Chlordane	1	90.10	0.0005	0.003	NLE
Toxaphene	1	90.10	0.0003	ND	0.1
Arochlor 1016	1	90.10	0.0117	ND	0.49
Arochlor 1221	1	90.10	0.0215	ND	0.49
Arochlor 1232	1	90.10	0.0146	ND	0.49
Arochlor 1242	1	90.10	0.0167	ND	0.49
Arochlor 1248	1	90.10	0.0067	ND	0.49
Arochlor 1254	1	90.10	0.0042	ND	0.49
Arochlor 1260	1	90.10	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	72

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.69	0.0003	ND	NLE
beta-BHC	1	88.69	0.0003	ND	NLE
gamma-BHC	1	88.69	0.0004	ND	0.52
delta-BHC	1	88.69	0.0004	ND	NLE
Heptachlor	1	88.69	0.0003	ND	0.15
Aldrin	1	88.69	0.0004	ND	0.04
Heptachlor Epoxide	1	88.69	0.0006	ND	NLE
Endosulfan I	1	88.69	0.0005	ND	NLE
4,4'-DDE	1	88.69	0.0004	0.027	2
Dieldrin	1	88.69	0.0005	ND	0.042
Endrin	1	88.69	0.0005	ND	17
Endosulfan II	1	88.69	0.0004	ND	NLE
4,4'-DDD	1	88.69	0.0006	0.015	3
Endrin Aldehyde	1	88.69	0.0005	ND	NLE
4,4'-DDT	1	88.69	0.0012	0.042	2
Endosulfan-Sulfate	1	88.69	0.0004	ND	NLE
gamma -Chlordane	1	88.69	0.0005	ND	NLE
alpha-Chlordane	1	88.69	0.0005	ND	NLE
Toxaphene	1	88.69	0.0003	ND	0.1
Arochlor 1016	1	88.69	0.0119	ND	0.49
Arochlor 1221	1	88.69	0.0220	ND	0.49
Arochlor 1232	1	88.69	0.0149	ND	0.49
Arochlor 1242	1	88.69	0.0171	ND	0.49
Arochlor 1248	1	88.69	0.0068	ND	0.49
Arochlor 1254	1	88.69	0.0043	ND	0.49
Arochlor 1260	1	88.69	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/27/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	73

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.26	0.0003	ND	NLE
beta-BHC	1	92.26	0.0003	ND	NLE
gamma-BHC	1	92.26	0.0004	ND	0.52
delta-BHC	1	92.26	0.0004	ND	NLE
Heptachlor	1	92.26	0.0003	ND	0.15
Aldrin	1	92.26	0.0004	ND	0.04
Heptachlor Epoxide	1	92.26	0.0006	ND	NLE
Endosulfan I	1	92.26	0.0005	ND	NLE
4,4'-DDE	1	92.26	0.0004	0.008	2
Dieldrin	1	92.26	0.0005	ND	0.042
Endrin	1	92.26	0.0005	ND	17
Endosulfan II	1	92.26	0.0004	ND	NLE
4,4'-DDD	1	92.26	0.0006	ND	3
Endrin Aldehyde	1	92.26	0.0005	ND	NLE
4,4'-DDT	1	92.26	0.0012	0.010	2
Endosulfan-Sulfate	1	92.26	0.0004	ND	NLE
gamma -Chlordane	1	92.26	0.0005	ND	NLE
alpha-Chlordane	1	92.26	0.0005	ND	NLE
Toxaphene	1	92.26	0.0003	ND	0.1
Arochlor 1016	1	92.26	0.0117	ND	0.49
Arochlor 1221	1	92.26	0.0216	ND	0.49
Arochlor 1232	1	92.26	0.0146	ND	0.49
Arochlor 1242	1	92.26	0.0167	ND	0.49
Arochlor 1248	1	92.26	0.0067	ND	0.49
Arochlor 1254	1	92.26	0.0042	ND	0.49
Arochlor 1260	1	92.26	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	3996.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/21/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	74

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	94.99	0.0003	ND	NLE
beta-BHC	1	94.99	0.0003	ND	NLE
gamma-BHC	1	94.99	0.0004	ND	0.52
delta-BHC	1	94.99	0.0004	ND	NLE
Heptachlor	1	94.99	0.0003	ND	0.15
Aldrin	1	94.99	0.0004	ND	0.04
Heptachlor Epoxide	1	94.99	0.0006	ND	NLE
Endosulfan I	1	94.99	0.0005	ND	NLE
4,4'-DDE	1	94.99	0.0004	0.037	2
Dieldrin	1	94.99	0.0005	ND	0.042
Endrin	1	94.99	0.0005	ND	17
Endosulfan II	1	94.99	0.0004	ND	NLE
4,4'-DDD	1	94.99	0.0006	0.003	3
Endrin Aldehyde	1	94.99	0.0005	ND	NLE
4,4'-DDT	1	94.99	0.0011	0.041	2
Endosulfan-Sulfate	1	94.99	0.0004	ND	NLE
gamma -Chlordane	1	94.99	0.0005	ND	NLE
alpha-Chlordane	1	94.99	0.0005	ND	NLE
Toxaphene	1	94.99	0.0003	ND	0.1
Arochlor 1016	1	94.99	0.0111	ND	0.49
Arochlor 1221	1	94.99	0.0204	ND	0.49
Arochlor 1232	1	94.99	0.0139	ND	0.49
Arochlor 1242	1	94.99	0.0159	ND	0.49
Arochlor 1248	1	94.99	0.0063	ND	0.49
Arochlor 1254	1	94.99	0.0040	ND	0.49
Arochlor 1260	1	94.99	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25um
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25um

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	75

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.57	0.0003	ND	NLE
beta-BHC	1	93.57	0.0003	ND	NLE
gamma-BHC	1	93.57	0.0004	ND	0.52
delta-BHC	1	93.57	0.0004	ND	NLE
Heptachlor	1	93.57	0.0003	ND	0.15
Aldrin	1	93.57	0.0004	ND	0.04
Heptachlor Epoxide	1	93.57	0.0006	ND	NLE
Endosulfan I	1	93.57	0.0005	ND	NLE
4,4'-DDE	1	93.57	0.0004	0.007	2
Dieldrin	1	93.57	0.0005	ND	0.042
Endrin	1	93.57	0.0005	ND	17
Endosulfan II	1	93.57	0.0004	ND	NLE
4,4'-DDD	1	93.57	0.0006	ND	3
Endrin Aldehyde	1	93.57	0.0005	ND	NLE
4,4'-DDT	1	93.57	0.0011	0.003	2
Endosulfan-Sulfate	1	93.57	0.0004	ND	NLE
gamma -Chlordane	1	93.57	0.0005	ND	NLE
alpha-Chlordane	1	93.57	0.0005	ND	NLE
Toxaphene	1	93.57	0.0003	ND	0.1
Arochlor 1016	1	93.57	0.0113	ND	0.49
Arochlor 1221	1	93.57	0.0207	ND	0.49
Arochlor 1232	1	93.57	0.0141	ND	0.49
Arochlor 1242	1	93.57	0.0161	ND	0.49
Arochlor 1248	1	93.57	0.0064	ND	0.49
Arochlor 1254	1	93.57	0.0040	ND	0.49
Arochlor 1260	1	93.57	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	76

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.31	0.0003	ND	NLE
beta-BHC	1	92.31	0.0003	ND	NLE
gamma-BHC	1	92.31	0.0004	ND	0.52
delta-BHC	1	92.31	0.0004	ND	NLE
Heptachlor	1	92.31	0.0003	ND	0.15
Aldrin	1	92.31	0.0004	ND	0.04
Heptachlor Epoxide	1	92.31	0.0006	ND	NLE
Endosulfan I	1	92.31	0.0005	ND	NLE
4,4'-DDE	1	92.31	0.0004	0.003	2
Dieldrin	1	92.31	0.0005	ND	0.042
Endrin	1	92.31	0.0005	ND	17
Endosulfan II	1	92.31	0.0004	ND	NLE
4,4'-DDD	1	92.31	0.0006	ND	3
Endrin Aldehyde	1	92.31	0.0005	ND	NLE
4,4'-DDT	1	92.31	0.0012	0.004	2
Endosulfan-Sulfate	1	92.31	0.0004	ND	NLE
gamma -Chlordane	1	92.31	0.0005	ND	NLE
alpha-Chlordane	1	92.31	0.0005	ND	NLE
Toxaphene	1	92.31	0.0003	ND	0.1
Arochlor 1016	1	92.31	0.0120	ND	0.49
Arochlor 1221	1	92.31	0.0221	ND	0.49
Arochlor 1232	1	92.31	0.0150	ND	0.49
Arochlor 1242	1	92.31	0.0172	ND	0.49
Arochlor 1248	1	92.31	0.0069	ND	0.49
Arochlor 1254	1	92.31	0.0043	ND	0.49
Arochlor 1260	1	92.31	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	77

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.47	0.0003	ND	NLE
beta-BHC	1	91.47	0.0003	ND	NLE
gamma-BHC	1	91.47	0.0004	ND	0.52
delta-BHC	1	91.47	0.0004	ND	NLE
Heptachlor	1	91.47	0.0003	ND	0.15
Aldrin	1	91.47	0.0004	ND	0.04
Heptachlor Epoxide	1	91.47	0.0006	ND	NLE
Endosulfan I	1	91.47	0.0005	ND	NLE
4,4'-DDE	1	91.47	0.0004	0.002	2
Dieldrin	1	91.47	0.0005	ND	0.042
Endrin	1	91.47	0.0005	ND	17
Endosulfan II	1	91.47	0.0004	ND	NLE
4,4'-DDD	1	91.47	0.0006	ND	3
Endrin Aldehyde	1	91.47	0.0005	ND	NLE
4,4'-DDT	1	91.47	0.0012	0.003	2
Endosulfan-Sulfate	1	91.47	0.0004	ND	NLE
gamma -Chlordane	1	91.47	0.0005	ND	NLE
alpha-Chlordane	1	91.47	0.0005	ND	NLE
Toxaphene	1	91.47	0.0003	ND	0.1
Arochlor 1016	1	91.47	0.0120	ND	0.49
Arochlor 1221	1	91.47	0.0220	ND	0.49
Arochlor 1232	1	91.47	0.0150	ND	0.49
Arochlor 1242	1	91.47	0.0171	ND	0.49
Arochlor 1248	1	91.47	0.0068	ND	0.49
Arochlor 1254	1	91.47	0.0043	ND	0.49
Arochlor 1260	1	91.47	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	78

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.40	0.0003	ND	NLE
beta-BHC	1	86.40	0.0003	ND	NLE
gamma-BHC	1	86.40	0.0004	ND	0.52
delta-BHC	1	86.40	0.0004	ND	NLE
Heptachlor	1	86.40	0.0003	ND	0.15
Aldrin	1	86.40	0.0004	ND	0.04
Heptachlor Epoxide	1	86.40	0.0006	ND	NLE
Endosulfan I	1	86.40	0.0005	ND	NLE
4,4'-DDE	1	86.40	0.0004	0.004	2
Dieldrin	1	86.40	0.0005	ND	0.042
Endrin	1	86.40	0.0005	ND	17
Endosulfan II	1	86.40	0.0004	ND	NLE
4,4'-DDD	1	86.40	0.0006	ND	3
Endrin Aldehyde	1	86.40	0.0005	ND	NLE
4,4'-DDT	1	86.40	0.0012	0.007	2
Endosulfan-Sulfate	1	86.40	0.0004	ND	NLE
gamma -Chlordane	1	86.40	0.0005	ND	NLE
alpha-Chlordane	1	86.40	0.0005	ND	NLE
Toxaphene	1	86.40	0.0003	ND	0.1
Arochlor 1016	1	86.40	0.0118	ND	0.49
Arochlor 1221	1	86.40	0.0218	ND	0.49
Arochlor 1232	1	86.40	0.0148	ND	0.49
Arochlor 1242	1	86.40	0.0169	ND	0.49
Arochlor 1248	1	86.40	0.0068	ND	0.49
Arochlor 1254	1	86.40	0.0042	ND	0.49
Arochlor 1260	1	86.40	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	79

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.05	0.0003	ND	NLE
beta-BHC	1	88.05	0.0003	ND	NLE
gamma-BHC	1	88.05	0.0004	ND	0.52
delta-BHC	1	88.05	0.0004	ND	NLE
Heptachlor	1	88.05	0.0003	ND	0.15
Aldrin	1	88.05	0.0004	ND	0.04
Heptachlor Epoxide	1	88.05	0.0006	ND	NLE
Endosulfan I	1	88.05	0.0005	ND	NLE
4,4'-DDE	1	88.05	0.0004	0.003	2
Dieldrin	1	88.05	0.0005	ND	0.042
Endrin	1	88.05	0.0005	ND	17
Endosulfan II	1	88.05	0.0004	ND	NLE
4,4'-DDD	1	88.05	0.0006	ND	3
Endrin Aldehyde	1	88.05	0.0005	ND	NLE
4,4'-DDT	1	88.05	0.0011	0.007	2
Endosulfan-Sulfate	1	88.05	0.0004	ND	NLE
gamma -Chlordane	1	88.05	0.0005	ND	NLE
alpha-Chlordane	1	88.05	0.0005	ND	NLE
Toxaphene	1	88.05	0.0003	ND	0.1
Arochlor 1016	1	88.05	0.0117	ND	0.49
Arochlor 1221	1	88.05	0.0215	ND	0.49
Arochlor 1232	1	88.05	0.0146	ND	0.49
Arochlor 1242	1	88.05	0.0167	ND	0.49
Arochlor 1248	1	88.05	0.0067	ND	0.49
Arochlor 1254	1	88.05	0.0042	ND	0.49
Arochlor 1260	1	88.05	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/17/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	80

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.28	0.0003	ND	NLE
beta-BHC	1	85.28	0.0003	ND	NLE
gamma-BHC	1	85.28	0.0005	ND	0.52
delta-BHC	1	85.28	0.0005	ND	NLE
Heptachlor	1	85.28	0.0003	ND	0.15
Aldrin	1	85.28	0.0005	ND	0.04
Heptachlor Epoxide	1	85.28	0.0007	ND	NLE
Endosulfan I	1	85.28	0.0006	ND	NLE
4,4'-DDE	5	85.28	0.0023	0.217	2
Dieldrin	1	85.28	0.0006	ND	0.042
Endrin	1	85.28	0.0006	ND	17
Endosulfan II	1	85.28	0.0005	ND	NLE
4,4'-DDD	1	85.28	0.0007	0.113	3
Endrin Aldehyde	1	85.28	0.0006	ND	NLE
4,4'-DDT	5	85.28	0.0064	0.311	2
Endosulfan-Sulfate	1	85.28	0.0005	ND	NLE
gamma -Chlordane	1	85.28	0.0006	0.008	NLE
alpha-Chlordane	1	85.28	0.0006	0.004	NLE
Toxaphene	1	85.28	0.0003	ND	0.1
Arochlor 1016	1	85.28	0.0130	ND	0.49
Arochlor 1221	1	85.28	0.0240	ND	0.49
Arochlor 1232	1	85.28	0.0163	ND	0.49
Arochlor 1242	1	85.28	0.0186	ND	0.49
Arochlor 1248	1	85.28	0.0074	ND	0.49
Arochlor 1254	1	85.28	0.0047	ND	0.49
Arochlor 1260	1	85.28	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	81

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.51	0.0003	ND	NLE
beta-BHC	1	90.51	0.0003	ND	NLE
gamma-BHC	1	90.51	0.0004	0.002	0.52
delta-BHC	1	90.51	0.0004	ND	NLE
Heptachlor	1	90.51	0.0003	ND	0.15
Aldrin	1	90.51	0.0004	ND	0.04
Heptachlor Epoxide	1	90.51	0.0006	ND	NLE
Endosulfan I	1	90.51	0.0005	ND	NLE
4,4'-DDE	10	90.51	0.0040	0.371	2
Dieldrin	1	90.51	0.0005	0.060	0.042
Endrin	1	90.51	0.0005	ND	17
Endosulfan II	1	90.51	0.0004	ND	NLE
4,4'-DDD	1	90.51	0.0006	ND	3
Endrin Aldehyde	1	90.51	0.0005	ND	NLE
4,4'-DDT	10	90.51	0.0111	0.631	2
Endosulfan-Sulfate	1	90.51	0.0004	ND	NLE
gamma -Chlordane	1	90.51	0.0005	0.010	NLE
alpha-Chlordane	1	90.51	0.0005	0.010	NLE
Toxaphene	1	90.51	0.0003	ND	0.1
Arochlor 1016	1	90.51	0.0113	ND	0.49
Arochlor 1221	1	90.51	0.0207	ND	0.49
Arochlor 1232	1	90.51	0.0141	ND	0.49
Arochlor 1242	1	90.51	0.0161	ND	0.49
Arochlor 1248	1	90.51	0.0064	ND	0.49
Arochlor 1254	1	90.51	0.0040	ND	0.49
Arochlor 1260	1	90.51	0.0036	1.479	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	82

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.84	0.0003	ND	NLE
beta-BHC	1	90.84	0.0003	ND	NLE
gamma-BHC	1	90.84	0.0004	0.003	0.52
delta-BHC	1	90.84	0.0004	ND	NLE
Heptachlor	1	90.84	0.0003	ND	0.15
Aldrin	1	90.84	0.0004	ND	0.04
Heptachlor Epoxide	1	90.84	0.0006	ND	NLE
Endosulfan I	1	90.84	0.0005	ND	NLE
4,4'-DDE	5	90.84	0.0020	0.317	2
Dieldrin	1	90.84	0.0005	ND	0.042
Endrin	1	90.84	0.0005	ND	17
Endosulfan II	1	90.84	0.0004	ND	NLE
4,4'-DDD	1	90.84	0.0006	0.023	3
Endrin Aldehyde	1	90.84	0.0005	ND	NLE
4,4'-DDT	5	90.84	0.0056	0.482	2
Endosulfan-Sulfate	1	90.84	0.0004	ND	NLE
gamma -Chlordane	1	90.84	0.0005	0.006	NLE
alpha-Chlordane	1	90.84	0.0005	0.010	NLE
Toxaphene	1	90.84	0.0003	ND	0.1
Arochlor 1016	1	90.84	0.0113	ND	0.49
Arochlor 1221	1	90.84	0.0208	ND	0.49
Arochlor 1232	1	90.84	0.0141	ND	0.49
Arochlor 1242	1	90.84	0.0162	ND	0.49
Arochlor 1248	1	90.84	0.0065	ND	0.49
Arochlor 1254	1	90.84	0.0040	ND	0.49
Arochlor 1260	1	90.84	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	83

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.21	0.0003	ND	NLE
beta-BHC	1	90.21	0.0003	ND	NLE
gamma-BHC	1	90.21	0.0004	ND	0.52
delta-BHC	1	90.21	0.0004	ND	NLE
Heptachlor	1	90.21	0.0003	ND	0.15
Aldrin	1	90.21	0.0004	ND	0.04
Heptachlor Epoxide	1	90.21	0.0006	ND	NLE
Endosulfan I	1	90.21	0.0005	ND	NLE
4,4'-DDE	1	90.21	0.0004	0.002	2
Dieldrin	1	90.21	0.0005	ND	0.042
Endrin	1	90.21	0.0005	ND	17
Endosulfan II	1	90.21	0.0004	ND	NLE
4,4'-DDD	1	90.21	0.0006	ND	3
Endrin Aldehyde	1	90.21	0.0005	ND	NLE
4,4'-DDT	1	90.21	0.0012	ND	2
Endosulfan-Sulfate	1	90.21	0.0004	ND	NLE
gamma -Chlordane	1	90.21	0.0005	ND	NLE
alpha-Chlordane	1	90.21	0.0005	ND	NLE
Toxaphene	1	90.21	0.0003	ND	0.1
Arochlor 1016	1	90.21	0.0118	ND	0.49
Arochlor 1221	1	90.21	0.0218	ND	0.49
Arochlor 1232	1	90.21	0.0148	ND	0.49
Arochlor 1242	1	90.21	0.0169	ND	0.49
Arochlor 1248	1	90.21	0.0068	ND	0.49
Arochlor 1254	1	90.21	0.0042	ND	0.49
Arochlor 1260	1	90.21	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	84

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.75	0.0003	ND	NLE
beta-BHC	1	90.75	0.0003	ND	NLE
gamma-BHC	1	90.75	0.0004	ND	0.52
delta-BHC	1	90.75	0.0004	ND	NLE
Heptachlor	1	90.75	0.0003	ND	0.15
Aldrin	1	90.75	0.0004	ND	0.04
Heptachlor Epoxide	1	90.75	0.0006	ND	NLE
Endosulfan I	1	90.75	0.0005	ND	NLE
4,4'-DDE	1	90.75	0.0004	0.022	2
Dieldrin	1	90.75	0.0005	ND	0.042
Endrin	1	90.75	0.0005	ND	17
Endosulfan II	1	90.75	0.0004	ND	NLE
4,4'-DDD	1	90.75	0.0006	0.003	3
Endrin Aldehyde	1	90.75	0.0005	ND	NLE
4,4'-DDT	1	90.75	0.0011	0.017	2
Endosulfan-Sulfate	1	90.75	0.0004	ND	NLE
gamma -Chlordane	1	90.75	0.0005	ND	NLE
alpha-Chlordane	1	90.75	0.0005	ND	NLE
Toxaphene	1	90.75	0.0003	ND	0.1
Arochlor 1016	1	90.75	0.0117	ND	0.49
Arochlor 1221	1	90.75	0.0215	ND	0.49
Arochlor 1232	1	90.75	0.0146	ND	0.49
Arochlor 1242	1	90.75	0.0167	ND	0.49
Arochlor 1248	1	90.75	0.0067	ND	0.49
Arochlor 1254	1	90.75	0.0042	ND	0.49
Arochlor 1260	1	90.75	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	85

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	92.28	0.0003	ND	NLE
beta-BHC	1	92.28	0.0003	ND	NLE
gamma-BHC	1	92.28	0.0004	ND	0.52
delta-BHC	1	92.28	0.0004	ND	NLE
Heptachlor	1	92.28	0.0003	ND	0.15
Aldrin	1	92.28	0.0004	ND	0.04
Heptachlor Epoxide	1	92.28	0.0006	ND	NLE
Endosulfan I	1	92.28	0.0005	ND	NLE
4,4'-DDE	5	92.28	0.0020	0.493	2
Dieldrin	1	92.28	0.0005	ND	0.042
Endrin	1	92.28	0.0005	ND	17
Endosulfan II	1	92.28	0.0004	ND	NLE
4,4'-DDD	1	92.28	0.0006	0.014	3
Endrin Aldehyde	1	92.28	0.0005	ND	NLE
4,4'-DDT	5	92.28	0.0054	0.359	2
Endosulfan-Sulfate	1	92.28	0.0004	ND	NLE
gamma -Chlordane	1	92.28	0.0005	ND	NLE
alpha-Chlordane	1	92.28	0.0005	ND	NLE
Toxaphene	1	92.28	0.0003	ND	0.1
Arochlor 1016	1	92.28	0.0111	ND	0.49
Arochlor 1221	1	92.28	0.0204	ND	0.49
Arochlor 1232	1	92.28	0.0139	ND	0.49
Arochlor 1242	1	92.28	0.0158	ND	0.49
Arochlor 1248	1	92.28	0.0063	ND	0.49
Arochlor 1254	1	92.28	0.0040	ND	0.49
Arochlor 1260	1	92.28	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4007.24 10/27/98 10/28/98 11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	86

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.93	0.0003	ND	NLE
beta-BHC	1	90.93	0.0003	ND	NLE
gamma-BHC	1	90.93	0.0004	ND	0.52
delta-BHC	1	90.93	0.0004	ND	NLE
Heptachlor	1	90.93	0.0003	ND	0.15
Aldrin	1	90.93	0.0004	ND	0.04
Heptachlor Epoxide	1	90.93	0.0007	ND	NLE
Endosulfan I	1	90.93	0.0005	ND	NLE
4,4'-DDE	10	90.93	0.0044	0.507	2
Dieldrin	1	90.93	0.0005	ND	0.042
Endrin	1	90.93	0.0005	ND	17
Endosulfan II	1	90.93	0.0004	ND	NLE
4,4'-DDD	1	90.93	0.0007	0.049	3
Endrin Aldehyde	1	90.93	0.0005	ND	NLE
4,4'-DDT	10	90.93	0.0121	0.626	2
Endosulfan-Sulfate	1	90.93	0.0004	ND	NLE
gamma -Chlordane	1	90.93	0.0005	0.001	NLE
alpha-Chlordane	1	90.93	0.0005	0.002	NLE
Toxaphene	1	90.93	0.0003	ND	0.1
Arochlor 1016	1	90.93	0.0123	ND	0.49
Arochlor 1221	1	90.93	0.0227	ND	0.49
Arochlor 1232	1	90.93	0.0154	ND	0.49
Arochlor 1242	1	90.93	0.0176	ND	0.49
Arochlor 1248	1	90.93	0.0070	ND	0.49
Arochlor 1254	1	90.93	0.0044	ND	0.49
Arochlor 1260	1	90.93	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	87

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.68	0.0003	ND	NLE
beta-BHC	1	89.68	0.0003	ND	NLE
gamma-BHC	1	89.68	0.0004	0.004	0.52
delta-BHC	1	89.68	0.0004	ND	NLE
Heptachlor	1	89.68	0.0003	ND	0.15
Aldrin	1	89.68	0.0004	ND	0.04
Heptachlor Epoxide	1	89.68	0.0007	ND	NLE
Endosulfan I	1	89.68	0.0006	ND	NLE
4,4'-DDE	5	89.68	0.0022	0.290	2
Dieldrin	1	89.68	0.0006	ND	0.042
Endrin	1	89.68	0.0006	ND	17
Endosulfan II	1	89.68	0.0004	ND	NLE
4,4'-DDD	1	89.68	0.0007	ND	3
Endrin Aldehyde	1	89.68	0.0006	ND	NLE
4,4'-DDT	5	89.68	0.0061	0.474	2
Endosulfan-Sulfate	1	89.68	0.0004	ND	NLE
gamma -Chlordane	1	89.68	0.0006	0.010	NLE
alpha-Chlordane	1	89.68	0.0006	0.013	NLE
Toxaphene	1	89.68	0.0003	ND	0.1
Arochlor 1016	1	89.68	0.0125	ND	0.49
Arochlor 1221	1	89.68	0.0230	ND	0.49
Arochlor 1232	1	89.68	0.0156	ND	0.49
Arochlor 1242	1	89.68	0.0178	ND	0.49
Arochlor 1248	1	89.68	0.0071	ND	0.49
Arochlor 1254	1	89.68	0.0045	ND	0.49
Arochlor 1260	1	89.68	0.0040	2.007	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	88

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	93.76	0.0003	ND	NLE
beta-BHC	1	93.76	0.0003	ND	NLE
gamma-BHC	1	93.76	0.0004	ND	0.52
delta-BHC	1	93.76	0.0004	ND	NLE
Heptachlor	1	93.76	0.0003	ND	0.15
Aldrin	1	93.76	0.0004	ND	0.04
Heptachlor Epoxide	1	93.76	0.0006	ND	NLE
Endosulfan I	1	93.76	0.0005	ND	NLE
4,4'-DDE	1	93.76	0.0004	0.005	2
Dieldrin	1	93.76	0.0005	ND	0.042
Endrin	1	93.76	0.0005	ND	17
Endosulfan II	1	93.76	0.0004	ND	NLE
4,4'-DDD	1	93.76	0.0006	ND	3
Endrin Aldehyde	1	93.76	0.0005	ND	NLE
4,4'-DDT	1	93.76	0.0011	0.006	2
Endosulfan-Sulfate	1	93.76	0.0004	ND	NLE
gamma -Chlordane	1	93.76	0.0005	ND	NLE
alpha-Chlordane	1	93.76	0.0005	ND	NLE
Toxaphene	1	93.76	0.0003	ND	0.1
Arochlor 1016	1	93.76	0.0111	ND	0.49
Arochlor 1221	1	93.76	0.0204	ND	0.49
Arochlor 1232	1	93.76	0.0138	ND	0.49
Arochlor 1242	1	93.76	0.0158	ND	0.49
Arochlor 1248	1	93.76	0.0063	ND	0.49
Arochlor 1254	1	93.76	0.0040	ND	0.49
Arochlor 1260	1	93.76	0.0036	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4007.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/18/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	89

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.73	0.0003	ND	NLE
beta-BHC	1	90.73	0.0003	ND	NLE
gamma-BHC	1	90.73	0.0004	ND	0.52
delta-BHC	1	90.73	0.0004	ND	NLE
Heptachlor	1	90.73	0.0003	ND	0.15
Aldrin	1	90.73	0.0004	ND	0.04
Heptachlor Epoxide	1	90.73	0.0007	ND	NLE
Endosulfan I	1	90.73	0.0006	ND	NLE
4,4'-DDE	1	90.73	0.0004	0.049	2
Dieldrin	1	90.73	0.0006	ND	0.042
Endrin	1	90.73	0.0006	ND	17
Endosulfan II	1	90.73	0.0004	ND	NLE
4,4'-DDD	1	90.73	0.0007	0.007	3
Endrin Aldehyde	1	90.73	0.0006	ND	NLE
4,4'-DDT	1	90.73	0.0012	0.039	2
Endosulfan-Sulfate	1	90.73	0.0004	ND	NLE
gamma -Chlordane	1	90.73	0.0006	ND	NLE
alpha-Chlordane	1	90.73	0.0006	ND	NLE
Toxaphene	1	90.73	0.0003	ND	0.1
Arochlor 1016	1	90.73	0.0124	ND	0.49
Arochlor 1221	1	90.73	0.0228	ND	0.49
Arochlor 1232	1	90.73	0.0155	ND	0.49
Arochlor 1242	1	90.73	0.0177	ND	0.49
Arochlor 1248	1	90.73	0.0071	ND	0.49
Arochlor 1254	1	90.73	0.0044	ND	0.49
Arochlor 1260	1	90.73	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4009.02 10/27/98 10/28/98 11/27/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	90

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	91.89	0.0003	ND	NLE
beta-BHC	1	91.89	0.0003	ND	NLE
gamma-BHC	1	91.89	0.0004	ND	0.52
delta-BHC	1	91.89	0.0004	ND	NLE
Heptachlor	1	91.89	0.0003	ND	0.15
Aldrin	1	91.89	0.0004	ND	0.04
Heptachlor Epoxide	1	91.89	0.0006	ND	NLE
Endosulfan I	1	91.89	0.0005	ND	NLE
4,4'-DDE	5	91.89	0.0021	0.357	2
Dieldrin	1	91.89	0.0005	ND	0.042
Endrin	1	91.89	0.0005	ND	17
Endosulfan II	1	91.89	0.0004	ND	NLE
4,4'-DDD	1	91.89	0.0006	0.021	3
Endrin Aldehyde	1	91.89	0.0005	ND	NLE
4,4'-DDT	5	91.89	0.0058	0.364	2
Endosulfan-Sulfate	1	91.89	0.0004	ND	NLE
gamma -Chlordane	1	91.89	0.0005	ND	NLE
alpha-Chlordane	1	91.89	0.0005	ND	NLE
Toxaphene	1	91.89	0.0003	ND	0.1
Arochlor 1016	1	91.89	0.0119	ND	0.49
Arochlor 1221	1	91.89	0.0219	ND	0.49
Arochlor 1232	1	91.89	0.0149	ND	0.49
Arochlor 1242	1	91.89	0.0170	ND	0.49
Arochlor 1248	1	91.89	0.0068	ND	0.49
Arochlor 1254	1	91.89	0.0042	ND	0.49
Arochlor 1260	1	91.89	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	91

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.40	0.0003	ND	NLE
beta-BHC	1	86.40	0.0003	ND	NLE
gamma-BHC	1	86.40	0.0005	0.002	0.52
delta-BHC	1	86.40	0.0005	ND	NLE
Heptachlor	1	86.40	0.0003	ND	0.15
Aldrin	1	86.40	0.0005	ND	0.04
Heptachlor Epoxide	1	86.40	0.0007	ND	NLE
Endosulfan I	1	86.40	0.0006	ND	NLE
4,4'-DDE	1	86.40	0.0005	0.114	2
Dieldrin	1	86.40	0.0006	ND	0.042
Endrin	1	86.40	0.0006	ND	17
Endosulfan II	1	86.40	0.0005	ND	NLE
4,4'-DDD	1	86.40	0.0007	0.031	3
Endrin Aldehyde	1	86.40	0.0006	ND	NLE
4,4'-DDT	10	86.40	0.0128	0.484	2
Endosulfan-Sulfate	1	86.40	0.0005	ND	NLE
gamma -Chlordane	1	86.40	0.0006	ND	NLE
alpha-Chlordane	1	86.40	0.0006	ND	NLE
Toxaphene	1	86.40	0.0003	ND	0.1
Arochlor 1016	1	86.40	0.0130	ND	0.49
Arochlor 1221	1	86.40	0.0239	ND	0.49
Arochlor 1232	1	86.40	0.0163	ND	0.49
Arochlor 1242	1	86.40	0.0186	ND	0.49
Arochlor 1248	1	86.40	0.0074	ND	0.49
Arochlor 1254	1	86.40	0.0046	ND	0.49
Arochlor 1260	1	86.40	0.0042	0.475	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/28/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	92

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	84.03	0.0003	ND	NLE
beta-BHC	1	84.03	0.0003	ND	NLE
gamma-BHC	1	84.03	0.0004	ND	0.52
delta-BHC	1	84.03	0.0004	ND	NLE
Heptachlor	1	84.03	0.0003	ND	0.15
Aldrin	1	84.03	0.0004	ND	0.04
Heptachlor Epoxide	1	84.03	0.0007	ND	NLE
Endosulfan I	1	84.03	0.0005	ND	NLE
4,4'-DDE	100	84.03	0.0440	1.746	2
Dieldrin	1	84.03	0.0005	ND	0.042
Endrin	1	84.03	0.0005	ND	17
Endosulfan II	1	84.03	0.0004	ND	NLE
4,4'-DDD	100	84.03	0.0660	2.440	3
Endrin Aldehyde	1	84.03	0.0005	ND	NLE
4,4'-DDT	100	84.03	0.1210	6.171	2
Endosulfan-Sulfate	1	84.03	0.0004	ND	NLE
gamma -Chlordane	100	84.03	0.0550	0.400	NLE
alpha-Chlordane	100	84.03	0.0550	0.390	NLE
Toxaphene	1	84.03	0.0003	ND	0.1
Arochlor 1016	1	84.03	0.0123	ND	0.49
Arochlor 1221	1	84.03	0.0227	ND	0.49
Arochlor 1232	1	84.03	0.0154	ND	0.49
Arochlor 1242	1	84.03	0.0176	ND	0.49
Arochlor 1248	1	84.03	0.0070	ND	0.49
Arochlor 1254	1	84.03	0.0044	ND	0.49
Arochlor 1260	50	84.03	0.1980	23.639	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	93

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	82.73	0.0004	ND	NLE
beta-BHC	1	82.73	0.0004	ND	NLE
gamma-BHC	1	82.73	0.0005	0.007	0.52
delta-BHC	1	82.73	0.0005	ND	NLE
Heptachlor	1	82.73	0.0004	ND	0.15
Aldrin	1	82.73	0.0005	ND	0.04
Heptachlor Epoxide	1	82.73	0.0007	ND	NLE
Endosulfan I	1	82.73	0.0006	ND	NLE
4,4'-DDE	50	82.73	0.0236	0.463	2
Dieldrin	1	82.73	0.0006	ND	0.042
Endrin	1	82.73	0.0006	ND	17
Endosulfan II	1	82.73	0.0005	ND	NLE
4,4'-DDD	50	82.73	0.0354	0.448	3
Endrin Aldehyde	1	82.73	0.0006	ND	NLE
4,4'-DDT	50	82.73	0.0649	3.400	2
Endosulfan-Sulfate	1	82.73	0.0005	ND	NLE
gamma -Chlordane	1	82.73	0.0006	0.042	NLE
alpha-Chlordane	1	82.73	0.0006	0.030	NLE
Toxaphene	1	82.73	0.0004	ND	0.1
Arochlor 1016	1	82.73	0.0132	ND	0.49
Arochlor 1221	1	82.73	0.0243	ND	0.49
Arochlor 1232	1	82.73	0.0165	ND	0.49
Arochlor 1242	1	82.73	0.0189	ND	0.49
Arochlor 1248	1	82.73	0.0075	ND	0.49
Arochlor 1254	1	82.73	0.0047	ND	0.49
Arochlor 1260	1	82.73	0.0042	2.428	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	94

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	87.88	0.0003	ND	NLE
beta-BHC	1	87.88	0.0003	ND	NLE
gamma-BHC	1	87.88	0.0004	ND	0.52
delta-BHC	1	87.88	0.0004	ND	NLE
Heptachlor	1	87.88	0.0003	ND	0.15
Aldrin	1	87.88	0.0004	ND	0.04
Heptachlor Epoxide	1	87.88	0.0007	ND	NLE
Endosulfan I	1	87.88	0.0006	ND	NLE
4,4'-DDE	5	87.88	0.0022	0.302	2
Dieldrin	1	87.88	0.0006	ND	0.042
Endrin	1	87.88	0.0006	ND	17
Endosulfan II	1	87.88	0.0004	ND	NLE
4,4'-DDD	1	87.88	0.0007	0.093	3
Endrin Aldehyde	1	87.88	0.0006	ND	NLE
4,4'-DDT	5	87.88	0.0061	0.403	2
Endosulfan-Sulfate	1	87.88	0.0004	ND	NLE
gamma -Chlordane	1	87.88	0.0006	0.005	NLE
alpha-Chlordane	1	87.88	0.0006	0.006	NLE
Toxaphene	1	87.88	0.0003	ND	0.1
Arochlor 1016	1	87.88	0.0125	ND	0.49
Arochlor 1221	1	87.88	0.0230	ND	0.49
Arochlor 1232	1	87.88	0.0156	ND	0.49
Arochlor 1242	1	87.88	0.0179	ND	0.49
Arochlor 1248	1	87.88	0.0071	ND	0.49
Arochlor 1254	1	87.88	0.0045	ND	0.49
Arochlor 1260	1	87.88	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/27/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	95

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	89.83	0.0003	ND	NLE
beta-BHC	1	89.83	0.0003	ND	NLE
gamma-BHC	1	89.83	0.0004	0.003	0.52
delta-BHC	1	89.83	0.0004	ND	NLE
Heptachlor	1	89.83	0.0003	ND	0.15
Aldrin	1	89.83	0.0004	ND	0.04
Heptachlor Epoxide	1	89.83	0.0007	ND	NLE
Endosulfan I	1	89.83	0.0005	ND	NLE
4,4'-DDE	10	89.83	0.0043	0.320	2
Dieldrin	1	89.83	0.0005	ND	0.042
Endrin	1	89.83	0.0005	ND	17
Endosulfan II	1	89.83	0.0004	ND	NLE
4,4'-DDD	1	89.83	0.0007	0.070	3
Endrin Aldehyde	1	89.83	0.0005	ND	NLE
4,4'-DDT	10	89.83	0.0119	0.507	2
Endosulfan-Sulfate	1	89.83	0.0004	ND	NLE
gamma -Chlordane	1	89.83	0.0005	ND	NLE
alpha-Chlordane	1	89.83	0.0005	ND	NLE
Toxaphene	1	89.83	0.0003	ND	0.1
Arochlor 1016	1	89.83	0.0121	ND	0.49
Arochlor 1221	1	89.83	0.0223	ND	0.49
Arochlor 1232	1	89.83	0.0152	ND	0.49
Arochlor 1242	1	89.83	0.0173	ND	0.49
Arochlor 1248	1	89.83	0.0069	ND	0.49
Arochlor 1254	1	89.83	0.0043	ND	0.49
Arochlor 1260	1	89.83	0.0039	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	96

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.60	0.0003	ND	NLE
beta-BHC	1	86.60	0.0003	ND	NLE
gamma-BHC	1	86.60	0.0004	ND	0.52
delta-BHC	1	86.60	0.0004	ND	NLE
Heptachlor	1	86.60	0.0003	ND	0.15
Aldrin	1	86.60	0.0004	ND	0.04
Heptachlor Epoxide	1	86.60	0.0007	ND	NLE
Endosulfan I	1	86.60	0.0006	ND	NLE
4,4'-DDE	1	86.60	0.0004	0.095	2
Dieldrin	1	86.60	0.0006	ND	0.042
Endrin	1	86.60	0.0006	ND	17
Endosulfan II	1	86.60	0.0004	ND	NLE
4,4'-DDD	1	86.60	0.0007	0.032	3
Endrin Aldehyde	1	86.60	0.0006	ND	NLE
4,4'-DDT	2	86.60	0.0025	0.181	2
Endosulfan-Sulfate	1	86.60	0.0004	ND	NLE
gamma -Chlordane	1	86.60	0.0006	ND	NLE
alpha-Chlordane	1	86.60	0.0006	ND	NLE
Toxaphene	1	86.60	0.0003	ND	0.1
Arochlor 1016	1	86.60	0.0126	ND	0.49
Arochlor 1221	1	86.60	0.0231	ND	0.49
Arochlor 1232	1	86.60	0.0157	ND	0.49
Arochlor 1242	1	86.60	0.0180	ND	0.49
Arochlor 1248	1	86.60	0.0072	ND	0.49
Arochlor 1254	1	86.60	0.0045	ND	0.49
Arochlor 1260	1	86.60	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	97

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.75	0.0003	ND	NLE
beta-BHC	1	90.75	0.0003	ND	NLE
gamma-BHC	1	90.75	0.0004	0.008	0.52
delta-BHC	1	90.75	0.0004	ND	NLE
Heptachlor	1	90.75	0.0003	ND	0.15
Aldrin	1	90.75	0.0004	ND	0.04
Heptachlor Epoxide	1	90.75	0.0006	ND	NLE
Endosulfan I	1	90.75	0.0005	ND	NLE
4,4'-DDE	10	90.75	0.0043	0.414	2
Dieldrin	1	90.75	0.0005	ND	0.042
Endrin	1	90.75	0.0005	ND	17
Endosulfan II	1	90.75	0.0004	ND	NLE
4,4'-DDD	10	90.75	0.0064	0.666	3
Endrin Aldehyde	1	90.75	0.0005	ND	NLE
4,4'-DDT	10	90.75	0.0117	0.538	2
Endosulfan-Sulfate	1	90.75	0.0004	ND	NLE
gamma -Chlordane	1	90.75	0.0005	ND	NLE
alpha-Chlordane	1	90.75	0.0005	ND	NLE
Toxaphene	1	90.75	0.0003	ND	0.1
Arochlor 1016	1	90.75	0.0120	ND	0.49
Arochlor 1221	1	90.75	0.0220	ND	0.49
Arochlor 1232	1	90.75	0.0149	ND	0.49
Arochlor 1242	1	90.75	0.0171	ND	0.49
Arochlor 1248	1	90.75	0.0068	ND	0.49
Arochlor 1254	1	90.75	0.0043	ND	0.49
Arochlor 1260	1	90.75	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	98

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.66	0.0003	ND	NLE
beta-BHC	1	86.66	0.0003	ND	NLE
gamma-BHC	1	86.66	0.0005	ND	0.52
delta-BHC	1	86.66	0.0005	ND	NLE
Heptachlor	1	86.66	0.0003	ND	0.15
Aldrin	1	86.66	0.0005	ND	0.04
Heptachlor Epoxide	1	86.66	0.0007	ND	NLE
Endosulfan I	1	86.66	0.0006	ND	NLE
4,4'-DDE	1	86.66	0.0005	0.006	2
Dieldrin	1	86.66	0.0006	ND	0.042
Endrin	1	86.66	0.0006	ND	17
Endosulfan II	1	86.66	0.0005	ND	NLE
4,4'-DDD	1	86.66	0.0007	ND	3
Endrin Aldehyde	1	86.66	0.0006	ND	NLE
4,4'-DDT	1	86.66	0.0012	0.003	2
Endosulfan-Sulfate	1	86.66	0.0005	ND	NLE
gamma -Chlordane	1	86.66	0.0006	ND	NLE
alpha-Chlordane	1	86.66	0.0006	ND	NLE
Toxaphene	1	86.66	0.0003	ND	0.1
Arochlor 1016	1	86.66	0.0126	ND	0.49
Arochlor 1221	1	86.66	0.0233	ND	0.49
Arochlor 1232	1	86.66	0.0158	ND	0.49
Arochlor 1242	1	86.66	0.0181	ND	0.49
Arochlor 1248	1	86.66	0.0072	ND	0.49
Arochlor 1254	1	86.66	0.0045	ND	0.49
Arochlor 1260	1	86.66	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	99

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	86.17	0.0003	ND	NLE
beta-BHC	1	86.17	0.0003	ND	NLE
gamma-BHC	1	86.17	0.0004	0.005	0.52
delta-BHC	1	86.17	0.0004	ND	NLE
Heptachlor	1	86.17	0.0003	ND	0.15
Aldrin	1	86.17	0.0004	ND	0.04
Heptachlor Epoxide	1	86.17	0.0006	ND	NLE
Endosulfan I	1	86.17	0.0005	ND	NLE
4,4'-DDE	10	86.17	0.0043	0.337	2
Dieldrin	1	86.17	0.0005	ND	0.042
Endrin	1	86.17	0.0005	ND	17
Endosulfan II	1	86.17	0.0004	ND	NLE
4,4'-DDD	10	86.17	0.0065	0.085	3
Endrin Aldehyde	1	86.17	0.0005	ND	NLE
4,4'-DDT	10	86.17	0.0119	0.767	2
Endosulfan-Sulfate	1	86.17	0.0004	ND	NLE
gamma -Chlordane	1	86.17	0.0005	ND	NLE
alpha-Chlordane	1	86.17	0.0005	ND	NLE
Toxaphene	1	86.17	0.0003	ND	0.1
Arochlor 1016	1	86.17	0.0121	ND	0.49
Arochlor 1221	1	86.17	0.0222	ND	0.49
Arochlor 1232	1	86.17	0.0151	ND	0.49
Arochlor 1242	1	86.17	0.0173	ND	0.49
Arochlor 1248	1	86.17	0.0069	ND	0.49
Arochlor 1254	1	86.17	0.0043	ND	0.49
Arochlor 1260	1	86.17	0.0039	0.468	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	100

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.56	0.0003	ND	NLE
beta-BHC	1	85.56	0.0003	ND	NLE
gamma-BHC	1	85.56	0.0005	ND	0.52
delta-BHC	1	85.56	0.0005	ND	NLE
Heptachlor	1	85.56	0.0003	ND	0.15
Aldrin	1	85.56	0.0005	ND	0.04
Heptachlor Epoxide	1	85.56	0.0007	ND	NLE
Endosulfan I	1	85.56	0.0006	ND	NLE
4,4'-DDE	1	85.56	0.0005	0.076	2
Dieldrin	1	85.56	0.0006	ND	0.042
Endrin	1	85.56	0.0006	ND	17
Endosulfan II	1	85.56	0.0005	ND	NLE
4,4'-DDD	1	85.56	0.0007	0.021	3
Endrin Aldehyde	1	85.56	0.0006	ND	NLE
4,4'-DDT	1	85.56	0.0013	0.077	2
Endosulfan-Sulfate	1	85.56	0.0005	ND	NLE
gamma -Chlordane	1	85.56	0.0006	ND	NLE
alpha-Chlordane	1	85.56	0.0006	ND	NLE
Toxaphene	1	85.56	0.0003	ND	0.1
Arochlor 1016	1	85.56	0.0131	ND	0.49
Arochlor 1221	1	85.56	0.0240	ND	0.49
Arochlor 1232	1	85.56	0.0163	ND	0.49
Arochlor 1242	1	85.56	0.0187	ND	0.49
Arochlor 1248	1	85.56	0.0075	ND	0.49
Arochlor 1254	1	85.56	0.0047	ND	0.49
Arochlor 1260	1	85.56	0.0042	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	101

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	90.96	0.0003	ND	NLE
beta-BHC	1	90.96	0.0003	ND	NLE
gamma-BHC	1	90.96	0.0004	0.002	0.52
delta-BHC	1	90.96	0.0004	ND	NLE
Heptachlor	1	90.96	0.0003	ND	0.15
Aldrin	1	90.96	0.0004	ND	0.04
Heptachlor Epoxide	1	90.96	0.0006	ND	NLE
Endosulfan I	1	90.96	0.0005	ND	NLE
4,4'-DDE	2	90.96	0.0008	0.090	2
Dieldrin	1	90.96	0.0005	ND	0.042
Endrin	1	90.96	0.0005	ND	17
Endosulfan II	1	90.96	0.0004	ND	NLE
4,4'-DDD	2	90.96	0.0013	0.083	3
Endrin Aldehyde	1	90.96	0.0005	ND	NLE
4,4'-DDT	2	90.96	0.0023	0.179	2
Endosulfan-Sulfate	1	90.96	0.0004	ND	NLE
gamma -Chlordane	1	90.96	0.0005	ND	NLE
alpha-Chlordane	1	90.96	0.0005	ND	NLE
Toxaphene	1	90.96	0.0003	ND	0.1
Arochlor 1016	1	90.96	0.0117	ND	0.49
Arochlor 1221	1	90.96	0.0215	ND	0.49
Arochlor 1232	1	90.96	0.0146	ND	0.49
Arochlor 1242	1	90.96	0.0167	ND	0.49
Arochlor 1248	1	90.96	0.0067	ND	0.49
Arochlor 1254	1	90.96	0.0042	ND	0.49
Arochlor 1260	1	90.96	0.0038	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	102

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	85.39	0.0003	ND	NLE
beta-BHC	1	85.39	0.0003	ND	NLE
gamma-BHC	1	85.39	0.0004	ND	0.52
delta-BHC	1	85.39	0.0004	ND	NLE
Heptachlor	1	85.39	0.0003	ND	0.15
Aldrin	1	85.39	0.0004	ND	0.04
Heptachlor Epoxide	1	85.39	0.0007	ND	NLE
Endosulfan I	1	85.39	0.0006	ND	NLE
4,4'-DDE	2	85.39	0.0009	0.130	2
Dieldrin	1	85.39	0.0006	ND	0.042
Endrin	1	85.39	0.0006	ND	17
Endosulfan II	1	85.39	0.0004	ND	NLE
4,4'-DDD	2	85.39	0.0013	0.016	3
Endrin Aldehyde	1	85.39	0.0006	ND	NLE
4,4'-DDT	2	85.39	0.0025	0.121	2
Endosulfan-Sulfate	1	85.39	0.0004	ND	NLE
gamma -Chlordane	1	85.39	0.0006	ND	NLE
alpha-Chlordane	1	85.39	0.0006	ND	NLE
Toxaphene	1	85.39	0.0003	ND	0.1
Arochlor 1016	1	85.39	0.0126	ND	0.49
Arochlor 1221	1	85.39	0.0231	ND	0.49
Arochlor 1232	1	85.39	0.0157	ND	0.49
Arochlor 1242	1	85.39	0.0179	ND	0.49
Arochlor 1248	1	85.39	0.0072	ND	0.49
Arochlor 1254	1	85.39	0.0045	ND	0.49
Arochlor 1260	1	85.39	0.0040	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/30/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	103

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	83.82	0.0003	ND	NLE
beta-BHC	1	83.82	0.0003	ND	NLE
gamma-BHC	1	83.82	0.0005	ND	0.52
delta-BHC	1	83.82	0.0005	ND	NLE
Heptachlor	1	83.82	0.0003	ND	0.15
Aldrin	1	83.82	0.0005	ND	0.04
Heptachlor Epoxide	1	83.82	0.0007	ND	NLE
Endosulfan I	1	83.82	0.0006	ND	NLE
4,4'-DDE	1	83.82	0.0005	0.046	2
Dieldrin	1	83.82	0.0006	ND	0.042
Endrin	1	83.82	0.0006	ND	17
Endosulfan II	1	83.82	0.0005	ND	NLE
4,4'-DDD	1	83.82	0.0007	0.004	3
Endrin Aldehyde	1	83.82	0.0006	ND	NLE
4,4'-DDT	1	83.82	0.0013	0.028	2
Endosulfan-Sulfate	1	83.82	0.0005	ND	NLE
gamma -Chlordane	1	83.82	0.0006	ND	NLE
alpha-Chlordane	1	83.82	0.0006	ND	NLE
Toxaphene	1	83.82	0.0003	ND	0.1
Arochlor 1016	1	83.82	0.0129	ND	0.49
Arochlor 1221	1	83.82	0.0237	ND	0.49
Arochlor 1232	1	83.82	0.0161	ND	0.49
Arochlor 1242	1	83.82	0.0184	ND	0.49
Arochlor 1248	1	83.82	0.0073	ND	0.49
Arochlor 1254	1	83.82	0.0046	ND	0.49
Arochlor 1260	1	83.82	0.0041	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4009.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	10/27/98
	Bldg. 173	**Extraction Date:**	10/30/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	11/28/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	104

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	1	88.50	0.0003	ND	NLE
beta-BHC	1	88.50	0.0003	ND	NLE
gamma-BHC	1	88.50	0.0004	ND	0.52
delta-BHC	1	88.50	0.0004	ND	NLE
Heptachlor	1	88.50	0.0003	ND	0.15
Aldrin	1	88.50	0.0004	ND	0.04
Heptachlor Epoxide	1	88.50	0.0006	ND	NLE
Endosulfan I	1	88.50	0.0005	ND	NLE
4,4'-DDE	5	88.50	0.0021	0.272	2
Dieldrin	1	88.50	0.0005	ND	0.042
Endrin	1	88.50	0.0005	ND	17
Endosulfan II	1	88.50	0.0004	ND	NLE
4,4'-DDD	5	88.50	0.0031	0.049	3
Endrin Aldehyde	1	88.50	0.0005	ND	NLE
4,4'-DDT	5	88.50	0.0057	0.263	2
Endosulfan-Sulfate	1	88.50	0.0004	ND	NLE
gamma -Chlordane	1	88.50	0.0005	ND	NLE
alpha-Chlordane	1	88.50	0.0005	ND	NLE
Toxaphene	1	88.50	0.0003	ND	0.1
Arochlor 1016	1	88.50	0.0116	ND	0.49
Arochlor 1221	1	88.50	0.0213	ND	0.49
Arochlor 1232	1	88.50	0.0145	ND	0.49
Arochlor 1242	1	88.50	0.0166	ND	0.49
Arochlor 1248	1	88.50	0.0066	ND	0.49
Arochlor 1254	1	88.50	0.0041	ND	0.49
Arochlor 1260	1	88.50	0.0037	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	105

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.98	0.0015	ND	NLE
beta-BHC	5	91.98	0.0015	ND	NLE
gamma-BHC	5	91.98	0.0020	0.007	0.52
delta-BHC	5	91.98	0.0020	ND	NLE
Heptachlor	5	91.98	0.0015	ND	0.15
Aldrin	5	91.98	0.0020	ND	0.04
Heptachlor Epoxide	5	91.98	0.0030	ND	NLE
Endosulfan I	5	91.98	0.0025	ND	NLE
4,4'-DDE	20	91.98	0.0079	0.809	2
Dieldrin	5	91.98	0.0025	ND	0.042
Endrin	5	91.98	0.0025	ND	17
Endosulfan II	5	91.98	0.0020	ND	NLE
4,4'-DDD	20	91.98	0.0119	0.618	3
Endrin Aldehyde	5	91.98	0.0025	ND	NLE
4,4'-DDT	20	91.98	0.0218	0.867	2
Endosulfan-Sulfate	5	91.98	0.0020	ND	NLE
gamma -Chlordane	5	91.98	0.0025	ND	NLE
alpha-Chlordane	5	91.98	0.0025	ND	NLE
Toxaphene	5	91.98	0.0015	ND	0.1
Arochlor 1016	5	91.98	0.0556	ND	0.49
Arochlor 1221	5	91.98	0.1022	ND	0.49
Arochlor 1232	5	91.98	0.0694	ND	0.49
Arochlor 1242	5	91.98	0.0794	ND	0.49
Arochlor 1248	5	91.98	0.0317	ND	0.49
Arochlor 1254	5	91.98	0.0198	ND	0.49
Arochlor 1260	5	91.98	0.0179	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	106

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	87.40	0.0016	ND	NLE
beta-BHC	5	87.40	0.0016	ND	NLE
gamma-BHC	5	87.40	0.0021	ND	0.52
delta-BHC	5	87.40	0.0021	ND	NLE
Heptachlor	5	87.40	0.0016	ND	0.15
Aldrin	5	87.40	0.0021	ND	0.04
Heptachlor Epoxide	5	87.40	0.0032	ND	NLE
Endosulfan I	5	87.40	0.0026	ND	NLE
4,4'-DDE	5	87.40	0.0021	0.115	2
Dieldrin	5	87.40	0.0026	ND	0.042
Endrin	5	87.40	0.0026	ND	17
Endosulfan II	5	87.40	0.0021	ND	NLE
4,4'-DDD	5	87.40	0.0032	0.022	3
Endrin Aldehyde	5	87.40	0.0026	ND	NLE
4,4'-DDT	5	87.40	0.0058	0.209	2
Endosulfan-Sulfate	5	87.40	0.0021	ND	NLE
gamma -Chlordane	5	87.40	0.0026	ND	NLE
alpha-Chlordane	5	87.40	0.0026	ND	NLE
Toxaphene	5	87.40	0.0016	ND	0.1
Arochlor 1016	5	87.40	0.0589	ND	0.49
Arochlor 1221	5	87.40	0.1083	ND	0.49
Arochlor 1232	5	87.40	0.0736	ND	0.49
Arochlor 1242	5	87.40	0.0841	ND	0.49
Arochlor 1248	5	87.40	0.0337	ND	0.49
Arochlor 1254	5	87.40	0.0210	ND	0.49
Arochlor 1260	5	87.40	0.0189	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	107

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	85.42	0.0016	ND	NLE
beta-BHC	5	85.42	0.0016	ND	NLE
gamma-BHC	5	85.42	0.0022	ND	0.52
delta-BHC	5	85.42	0.0022	ND	NLE
Heptachlor	5	85.42	0.0016	ND	0.15
Aldrin	5	85.42	0.0022	ND	0.04
Heptachlor Epoxide	5	85.42	0.0032	ND	NLE
Endosulfan I	5	85.42	0.0027	ND	NLE
4,4'-DDE	5	85.42	0.0022	0.044	2
Dieldrin	5	85.42	0.0027	ND	0.042
Endrin	5	85.42	0.0027	ND	17
Endosulfan II	5	85.42	0.0022	ND	NLE
4,4'-DDD	5	85.42	0.0032	0.029	3
Endrin Aldehyde	5	85.42	0.0027	ND	NLE
4,4'-DDT	5	85.42	0.0060	0.105	2
Endosulfan-Sulfate	5	85.42	0.0022	ND	NLE
gamma -Chlordane	5	85.42	0.0027	ND	NLE
alpha-Chlordane	5	85.42	0.0027	ND	NLE
Toxaphene	5	85.42	0.0016	ND	0.1
Arochlor 1016	5	85.42	0.0606	ND	0.49
Arochlor 1221	5	85.42	0.1114	ND	0.49
Arochlor 1232	5	85.42	0.0757	ND	0.49
Arochlor 1242	5	85.42	0.0866	ND	0.49
Arochlor 1248	5	85.42	0.0346	ND	0.49
Arochlor 1254	5	85.42	0.0216	ND	0.49
Arochlor 1260	5	85.42	0.0195	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	108

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.17	0.0016	ND	NLE
beta-BHC	5	91.17	0.0016	ND	NLE
gamma-BHC	5	91.17	0.0022	ND	0.52
delta-BHC	5	91.17	0.0022	ND	NLE
Heptachlor	5	91.17	0.0016	ND	0.15
Aldrin	5	91.17	0.0022	ND	0.04
Heptachlor Epoxide	5	91.17	0.0033	ND	NLE
Endosulfan I	5	91.17	0.0027	ND	NLE
4,4'-DDE	5	91.17	0.0022	0.069	2
Dieldrin	5	91.17	0.0027	ND	0.042
Endrin	5	91.17	0.0027	ND	17
Endosulfan II	5	91.17	0.0022	ND	NLE
4,4'-DDD	5	91.17	0.0033	0.012	3
Endrin Aldehyde	5	91.17	0.0027	ND	NLE
4,4'-DDT	5	91.17	0.0060	0.097	2
Endosulfan-Sulfate	5	91.17	0.0022	ND	NLE
gamma -Chlordane	5	91.17	0.0027	ND	NLE
alpha-Chlordane	5	91.17	0.0027	ND	NLE
Toxaphene	5	91.17	0.0016	ND	0.1
Arochlor 1016	5	91.17	0.0607	ND	0.49
Arochlor 1221	5	91.17	0.1116	ND	0.49
Arochlor 1232	5	91.17	0.0759	ND	0.49
Arochlor 1242	5	91.17	0.0867	ND	0.49
Arochlor 1248	5	91.17	0.0347	ND	0.49
Arochlor 1254	5	91.17	0.0217	ND	0.49
Arochlor 1260	5	91.17	0.0195	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	109

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	93.34	0.0016	ND	NLE
beta-BHC	5	93.34	0.0016	ND	NLE
gamma-BHC	5	93.34	0.0022	ND	0.52
delta-BHC	5	93.34	0.0022	ND	NLE
Heptachlor	5	93.34	0.0016	ND	0.15
Aldrin	5	93.34	0.0022	ND	0.04
Heptachlor Epoxide	5	93.34	0.0032	ND	NLE
Endosulfan I	5	93.34	0.0027	ND	NLE
4,4'-DDE	5	93.34	0.0022	0.028	2
Dieldrin	5	93.34	0.0027	ND	0.042
Endrin	5	93.34	0.0027	ND	17
Endosulfan II	5	93.34	0.0022	ND	NLE
4,4'-DDD	5	93.34	0.0032	0.061	3
Endrin Aldehyde	5	93.34	0.0027	ND	NLE
4,4'-DDT	5	93.34	0.0059	0.042	2
Endosulfan-Sulfate	5	93.34	0.0022	ND	NLE
gamma -Chlordane	5	93.34	0.0027	ND	NLE
alpha-Chlordane	5	93.34	0.0027	ND	NLE
Toxaphene	5	93.34	0.0016	ND	0.1
Arochlor 1016	5	93.34	0.0602	ND	0.49
Arochlor 1221	5	93.34	0.1108	ND	0.49
Arochlor 1232	5	93.34	0.0753	ND	0.49
Arochlor 1242	5	93.34	0.0861	ND	0.49
Arochlor 1248	5	93.34	0.0344	ND	0.49
Arochlor 1254	5	93.34	0.0215	ND	0.49
Arochlor 1260	5	93.34	0.0194	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	110

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	89.38	0.0015	ND	NLE
beta-BHC	5	89.38	0.0015	ND	NLE
gamma-BHC	5	89.38	0.0021	0.002	0.52
delta-BHC	5	89.38	0.0021	ND	NLE
Heptachlor	5	89.38	0.0015	0.003	0.15
Aldrin	5	89.38	0.0021	ND	0.04
Heptachlor Epoxide	5	89.38	0.0031	ND	NLE
Endosulfan I	5	89.38	0.0026	ND	NLE
4,4'-DDE	5	89.38	0.0021	0.369	2
Dieldrin	5	89.38	0.0026	ND	0.042
Endrin	5	89.38	0.0026	ND	17
Endosulfan II	5	89.38	0.0021	ND	NLE
4,4'-DDD	5	89.38	0.0031	0.048	3
Endrin Aldehyde	5	89.38	0.0026	ND	NLE
4,4'-DDT	20	89.38	0.0226	0.655	2
Endosulfan-Sulfate	5	89.38	0.0021	ND	NLE
gamma -Chlordane	5	89.38	0.0026	ND	NLE
alpha-Chlordane	5	89.38	0.0026	ND	NLE
Toxaphene	5	89.38	0.0015	ND	0.1
Arochlor 1016	5	89.38	0.0575	ND	0.49
Arochlor 1221	5	89.38	0.1057	ND	0.49
Arochlor 1232	5	89.38	0.0719	ND	0.49
Arochlor 1242	5	89.38	0.0821	ND	0.49
Arochlor 1248	5	89.38	0.0328	ND	0.49
Arochlor 1254	5	89.38	0.0205	ND	0.49
Arochlor 1260	5	89.38	0.0185	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	111

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	86.74	0.0017	ND	NLE
beta-BHC	5	86.74	0.0017	ND	NLE
gamma-BHC	5	86.74	0.0023	ND	0.52
delta-BHC	5	86.74	0.0023	ND	NLE
Heptachlor	5	86.74	0.0017	0.058	0.15
Aldrin	5	86.74	0.0023	ND	0.04
Heptachlor Epoxide	5	86.74	0.0034	0.033	NLE
Endosulfan I	5	86.74	0.0028	ND	NLE
4,4'-DDE	5	86.74	0.0023	0.055	2
Dieldrin	5	86.74	0.0028	0.063	0.042
Endrin	5	86.74	0.0028	ND	17
Endosulfan II	5	86.74	0.0023	ND	NLE
4,4'-DDD	5	86.74	0.0034	0.022	3
Endrin Aldehyde	5	86.74	0.0028	ND	NLE
4,4'-DDT	5	86.74	0.0062	0.083	2
Endosulfan-Sulfate	5	86.74	0.0023	ND	NLE
gamma -Chlordane	5	86.74	0.0028	0.386	NLE
alpha-Chlordane	5	86.74	0.0028	0.389	NLE
Toxaphene	5	86.74	0.0017	ND	0.1
Arochlor 1016	5	86.74	0.0631	ND	0.49
Arochlor 1221	5	86.74	0.1161	ND	0.49
Arochlor 1232	5	86.74	0.0789	ND	0.49
Arochlor 1242	5	86.74	0.0902	ND	0.49
Arochlor 1248	5	86.74	0.0361	ND	0.49
Arochlor 1254	5	86.74	0.0225	ND	0.49
Arochlor 1260	5	86.74	0.0203	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	112

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	88.02	0.0016	ND	NLE
beta-BHC	5	88.02	0.0016	ND	NLE
gamma-BHC	5	88.02	0.0021	ND	0.52
delta-BHC	5	88.02	0.0021	ND	NLE
Heptachlor	5	88.02	0.0016	ND	0.15
Aldrin	5	88.02	0.0021	ND	0.04
Heptachlor Epoxide	5	88.02	0.0031	ND	NLE
Endosulfan I	5	88.02	0.0026	ND	NLE
4,4'-DDE	5	88.02	0.0021	0.182	2
Dieldrin	5	88.02	0.0026	ND	0.042
Endrin	5	88.02	0.0026	ND	17
Endosulfan II	5	88.02	0.0021	ND	NLE
4,4'-DDD	5	88.02	0.0031	0.047	3
Endrin Aldehyde	5	88.02	0.0026	ND	NLE
4,4'-DDT	5	88.02	0.0057	0.324	2
Endosulfan-Sulfate	5	88.02	0.0021	ND	NLE
gamma -Chlordane	5	88.02	0.0026	ND	NLE
alpha-Chlordane	5	88.02	0.0026	ND	NLE
Toxaphene	5	88.02	0.0016	ND	0.1
Arochlor 1016	5	88.02	0.0584	ND	0.49
Arochlor 1221	5	88.02	0.1074	ND	0.49
Arochlor 1232	5	88.02	0.0730	ND	0.49
Arochlor 1242	5	88.02	0.0834	ND	0.49
Arochlor 1248	5	88.02	0.0334	ND	0.49
Arochlor 1254	5	88.02	0.0208	ND	0.49
Arochlor 1260	5	88.02	0.0188	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	113

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	97.00	0.0015	ND	NLE
beta-BHC	5	97.00	0.0015	ND	NLE
gamma-BHC	5	97.00	0.0020	ND	0.52
delta-BHC	5	97.00	0.0020	ND	NLE
Heptachlor	5	97.00	0.0015	ND	0.15
Aldrin	5	97.00	0.0020	ND	0.04
Heptachlor Epoxide	5	97.00	0.0030	ND	NLE
Endosulfan I	5	97.00	0.0025	ND	NLE
4,4'-DDE	5	97.00	0.0020	0.011	2
Dieldrin	5	97.00	0.0025	ND	0.042
Endrin	5	97.00	0.0025	ND	17
Endosulfan II	5	97.00	0.0020	ND	NLE
4,4'-DDD	5	97.00	0.0030	ND	3
Endrin Aldehyde	5	97.00	0.0025	ND	NLE
4,4'-DDT	5	97.00	0.0056	0.017	2
Endosulfan-Sulfate	5	97.00	0.0020	ND	NLE
gamma -Chlordane	5	97.00	0.0025	ND	NLE
alpha-Chlordane	5	97.00	0.0025	ND	NLE
Toxaphene	5	97.00	0.0015	ND	0.1
Arochlor 1016	5	97.00	0.0568	ND	0.49
Arochlor 1221	5	97.00	0.1045	ND	0.49
Arochlor 1232	5	97.00	0.0710	ND	0.49
Arochlor 1242	5	97.00	0.0812	ND	0.49
Arochlor 1248	5	97.00	0.0325	ND	0.49
Arochlor 1254	5	97.00	0.0203	ND	0.49
Arochlor 1260	5	97.00	0.0183	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	114

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	87.03	0.0016	ND	NLE
beta-BHC	5	87.03	0.0016	ND	NLE
gamma-BHC	5	87.03	0.0022	ND	0.52
delta-BHC	5	87.03	0.0022	ND	NLE
Heptachlor	5	87.03	0.0016	ND	0.15
Aldrin	5	87.03	0.0022	ND	0.04
Heptachlor Epoxide	5	87.03	0.0032	ND	NLE
Endosulfan I	5	87.03	0.0027	ND	NLE
4,4'-DDE	5	87.03	0.0022	0.194	2
Dieldrin	5	87.03	0.0027	ND	0.042
Endrin	5	87.03	0.0027	ND	17
Endosulfan II	5	87.03	0.0022	ND	NLE
4,4'-DDD	5	87.03	0.0032	0.050	3
Endrin Aldehyde	5	87.03	0.0027	ND	NLE
4,4'-DDT	5	87.03	0.0060	0.369	2
Endosulfan-Sulfate	5	87.03	0.0022	ND	NLE
gamma -Chlordane	5	87.03	0.0027	ND	NLE
alpha-Chlordane	5	87.03	0.0027	ND	NLE
Toxaphene	5	87.03	0.0016	ND	0.1
Arochlor 1016	5	87.03	0.0606	ND	0.49
Arochlor 1221	5	87.03	0.1115	ND	0.49
Arochlor 1232	5	87.03	0.0758	ND	0.49
Arochlor 1242	5	87.03	0.0866	ND	0.49
Arochlor 1248	5	87.03	0.0347	ND	0.49
Arochlor 1254	5	87.03	0.0217	ND	0.49
Arochlor 1260	5	87.03	0.0195	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	115

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	93.92	0.0016	ND	NLE
beta-BHC	5	93.92	0.0016	ND	NLE
gamma-BHC	5	93.92	0.0021	0.002	0.52
delta-BHC	5	93.92	0.0021	ND	NLE
Heptachlor	5	93.92	0.0016	0.003	0.15
Aldrin	5	93.92	0.0021	ND	0.04
Heptachlor Epoxide	5	93.92	0.0031	ND	NLE
Endosulfan I	5	93.92	0.0026	ND	NLE
4,4'-DDE	5	93.92	0.0021	0.247	2
Dieldrin	5	93.92	0.0026	ND	0.042
Endrin	5	93.92	0.0026	ND	17
Endosulfan II	5	93.92	0.0021	ND	NLE
4,4'-DDD	5	93.92	0.0031	0.022	3
Endrin Aldehyde	5	93.92	0.0026	ND	NLE
4,4'-DDT	5	93.92	0.0057	0.292	2
Endosulfan-Sulfate	5	93.92	0.0021	ND	NLE
gamma -Chlordane	5	93.92	0.0026	0.042	NLE
alpha-Chlordane	5	93.92	0.0026	0.046	NLE
Toxaphene	5	93.92	0.0016	ND	0.1
Arochlor 1016	5	93.92	0.0581	ND	0.49
Arochlor 1221	5	93.92	0.1068	ND	0.49
Arochlor 1232	5	93.92	0.0726	ND	0.49
Arochlor 1242	5	93.92	0.0829	ND	0.49
Arochlor 1248	5	93.92	0.0332	ND	0.49
Arochlor 1254	5	93.92	0.0207	ND	0.49
Arochlor 1260	5	93.92	0.0187	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	116

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	94.94	0.0014	ND	NLE
beta-BHC	5	94.94	0.0014	ND	NLE
gamma-BHC	5	94.94	0.0019	0.005	0.52
delta-BHC	5	94.94	0.0019	ND	NLE
Heptachlor	5	94.94	0.0014	ND	0.15
Aldrin	5	94.94	0.0019	ND	0.04
Heptachlor Epoxide	5	94.94	0.0029	ND	NLE
Endosulfan I	5	94.94	0.0024	ND	NLE
4,4'-DDE	20	94.94	0.0077	0.585	2
Dieldrin	5	94.94	0.0024	ND	0.042
Endrin	5	94.94	0.0024	ND	17
Endosulfan II	5	94.94	0.0019	ND	NLE
4,4'-DDD	5	94.94	0.0029	0.138	3
Endrin Aldehyde	5	94.94	0.0024	ND	NLE
4,4'-DDT	20	94.94	0.0212	0.759	2
Endosulfan-Sulfate	5	94.94	0.0019	ND	NLE
gamma -Chlordane	5	94.94	0.0024	ND	NLE
alpha-Chlordane	5	94.94	0.0024	ND	NLE
Toxaphene	5	94.94	0.0014	ND	0.1
Arochlor 1016	5	94.94	0.0540	ND	0.49
Arochlor 1221	5	94.94	0.0993	ND	0.49
Arochlor 1232	5	94.94	0.0675	ND	0.49
Arochlor 1242	5	94.94	0.0771	ND	0.49
Arochlor 1248	5	94.94	0.0308	ND	0.49
Arochlor 1254	5	94.94	0.0193	ND	0.49
Arochlor 1260	5	94.94	0.0173	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	117

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	95.25	0.0015	ND	NLE
beta-BHC	5	95.25	0.0015	ND	NLE
gamma-BHC	5	95.25	0.0020	ND	0.52
delta-BHC	5	95.25	0.0020	ND	NLE
Heptachlor	5	95.25	0.0015	ND	0.15
Aldrin	5	95.25	0.0020	ND	0.04
Heptachlor Epoxide	5	95.25	0.0030	ND	NLE
Endosulfan I	5	95.25	0.0025	ND	NLE
4,4'-DDE	5	95.25	0.0020	0.298	2
Dieldrin	5	95.25	0.0025	ND	0.042
Endrin	5	95.25	0.0025	ND	17
Endosulfan II	5	95.25	0.0020	ND	NLE
4,4'-DDD	5	95.25	0.0030	0.243	3
Endrin Aldehyde	5	95.25	0.0025	ND	NLE
4,4'-DDT	5	95.25	0.0054	0.236	2
Endosulfan-Sulfate	5	95.25	0.0020	ND	NLE
gamma -Chlordane	5	95.25	0.0025	ND	NLE
alpha-Chlordane	5	95.25	0.0025	ND	NLE
Toxaphene	5	95.25	0.0015	ND	0.1
Arochlor 1016	5	95.25	0.0552	ND	0.49
Arochlor 1221	5	95.25	0.1015	ND	0.49
Arochlor 1232	5	95.25	0.0690	ND	0.49
Arochlor 1242	5	95.25	0.0789	ND	0.49
Arochlor 1248	5	95.25	0.0315	ND	0.49
Arochlor 1254	5	95.25	0.0197	ND	0.49
Arochlor 1260	5	95.25	0.0177	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/4/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	118

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	97.43	0.0015	ND	NLE
beta-BHC	5	97.43	0.0015	ND	NLE
gamma-BHC	5	97.43	0.0020	ND	0.52
delta-BHC	5	97.43	0.0020	ND	NLE
Heptachlor	5	97.43	0.0015	ND	0.15
Aldrin	5	97.43	0.0020	ND	0.04
Heptachlor Epoxide	5	97.43	0.0031	ND	NLE
Endosulfan I	5	97.43	0.0025	ND	NLE
4,4'-DDE	5	97.43	0.0020	0.008	2
Dieldrin	5	97.43	0.0025	ND	0.042
Endrin	5	97.43	0.0025	ND	17
Endosulfan II	5	97.43	0.0020	ND	NLE
4,4'-DDD	5	97.43	0.0031	0.009	3
Endrin Aldehyde	5	97.43	0.0025	ND	NLE
4,4'-DDT	5	97.43	0.0056	0.008	2
Endosulfan-Sulfate	5	97.43	0.0020	ND	NLE
gamma -Chlordane	5	97.43	0.0025	ND	NLE
alpha-Chlordane	5	97.43	0.0025	ND	NLE
Toxaphene	5	97.43	0.0015	ND	0.1
Arochlor 1016	5	97.43	0.0571	ND	0.49
Arochlor 1221	5	97.43	0.1050	ND	0.49
Arochlor 1232	5	97.43	0.0713	ND	0.49
Arochlor 1242	5	97.43	0.0815	ND	0.49
Arochlor 1248	5	97.43	0.0326	ND	0.49
Arochlor 1254	5	97.43	0.0204	ND	0.49
Arochlor 1260	5	97.43	0.0183	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4024.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/2/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/5/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	119

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.54	0.0015	ND	NLE
beta-BHC	5	90.54	0.0015	ND	NLE
gamma-BHC	5	90.54	0.0021	0.014	0.52
delta-BHC	5	90.54	0.0021	ND	NLE
Heptachlor	5	90.54	0.0015	ND	0.15
Aldrin	5	90.54	0.0021	ND	0.04
Heptachlor Epoxide	5	90.54	0.0031	ND	NLE
Endosulfan I	5	90.54	0.0026	ND	NLE
4,4'-DDE	50	90.54	0.0206	1.648	2
Dieldrin	5	90.54	0.0026	ND	0.042
Endrin	5	90.54	0.0026	ND	17
Endosulfan II	5	90.54	0.0021	ND	NLE
4,4'-DDD	5	90.54	0.0031	0.324	3
Endrin Aldehyde	5	90.54	0.0026	ND	NLE
4,4'-DDT	50	90.54	0.0568	1.290	2
Endosulfan-Sulfate	5	90.54	0.0021	ND	NLE
gamma -Chlordane	5	90.54	0.0026	0.006	NLE
alpha-Chlordane	5	90.54	0.0026	0.004	NLE
Toxaphene	5	90.54	0.0015	ND	0.1
Arochlor 1016	5	90.54	0.0578	ND	0.49
Arochlor 1221	5	90.54	0.1063	ND	0.49
Arochlor 1232	5	90.54	0.0723	ND	0.49
Arochlor 1242	5	90.54	0.0826	ND	0.49
Arochlor 1248	5	90.54	0.0330	ND	0.49
Arochlor 1254	5	90.54	0.0206	ND	0.49
Arochlor 1260	5	90.54	0.0186	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	120

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.80	0.0015	ND	NLE
beta-BHC	5	91.80	0.0015	ND	NLE
gamma-BHC	5	91.80	0.0020	ND	0.52
delta-BHC	5	91.80	0.0020	ND	NLE
Heptachlor	5	91.80	0.0015	ND	0.15
Aldrin	5	91.80	0.0020	ND	0.04
Heptachlor Epoxide	5	91.80	0.0030	ND	NLE
Endosulfan I	5	91.80	0.0025	ND	NLE
4,4'-DDE	5	91.80	0.0020	0.100	2
Dieldrin	5	91.80	0.0025	ND	0.042
Endrin	5	91.80	0.0025	ND	17
Endosulfan II	5	91.80	0.0020	ND	NLE
4,4'-DDD	5	91.80	0.0030	0.067	3
Endrin Aldehyde	5	91.80	0.0025	ND	NLE
4,4'-DDT	10	91.80	0.0111	0.467	2
Endosulfan-Sulfate	5	91.80	0.0020	ND	NLE
gamma -Chlordane	5	91.80	0.0025	0.005	NLE
alpha-Chlordane	5	91.80	0.0025	0.003	NLE
Toxaphene	5	91.80	0.0015	ND	0.1
Arochlor 1016	5	91.80	0.0565	ND	0.49
Arochlor 1221	5	91.80	0.1039	ND	0.49
Arochlor 1232	5	91.80	0.0706	ND	0.49
Arochlor 1242	5	91.80	0.0807	ND	0.49
Arochlor 1248	5	91.80	0.0323	ND	0.49
Arochlor 1254	5	91.80	0.0202	ND	0.49
Arochlor 1260	5	91.80	0.0182	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	121

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	92.95	0.0015	ND	NLE
beta-BHC	5	92.95	0.0015	ND	NLE
gamma-BHC	5	92.95	0.0020	0.006	0.52
delta-BHC	5	92.95	0.0020	ND	NLE
Heptachlor	5	92.95	0.0015	ND	0.15
Aldrin	5	92.95	0.0020	ND	0.04
Heptachlor Epoxide	5	92.95	0.0030	ND	NLE
Endosulfan I	5	92.95	0.0025	ND	NLE
4,4'-DDE	5	92.95	0.0020	0.310	2
Dieldrin	5	92.95	0.0025	ND	0.042
Endrin	5	92.95	0.0025	ND	17
Endosulfan II	5	92.95	0.0020	ND	NLE
4,4'-DDD	5	92.95	0.0030	0.073	3
Endrin Aldehyde	5	92.95	0.0025	ND	NLE
4,4'-DDT	5	92.95	0.0054	0.469	2
Endosulfan-Sulfate	5	92.95	0.0020	ND	NLE
gamma -Chlordane	5	92.95	0.0025	ND	NLE
alpha-Chlordane	5	92.95	0.0025	ND	NLE
Toxaphene	5	92.95	0.0015	ND	0.1
Arochlor 1016	5	92.95	0.0551	ND	0.49
Arochlor 1221	5	92.95	0.1013	ND	0.49
Arochlor 1232	5	92.95	0.0688	ND	0.49
Arochlor 1242	5	92.95	0.0787	ND	0.49
Arochlor 1248	5	92.95	0.0315	ND	0.49
Arochlor 1254	5	92.95	0.0197	ND	0.49
Arochlor 1260	5	92.95	0.0177	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	122

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	92.05	0.0016	ND	NLE
beta-BHC	5	92.05	0.0016	ND	NLE
gamma-BHC	5	92.05	0.0021	ND	0.52
delta-BHC	5	92.05	0.0021	ND	NLE
Heptachlor	5	92.05	0.0016	ND	0.15
Aldrin	5	92.05	0.0021	ND	0.04
Heptachlor Epoxide	5	92.05	0.0032	ND	NLE
Endosulfan I	5	92.05	0.0026	ND	NLE
4,4'-DDE	5	92.05	0.0021	0.169	2
Dieldrin	5	92.05	0.0026	ND	0.042
Endrin	5	92.05	0.0026	ND	17
Endosulfan II	5	92.05	0.0021	ND	NLE
4,4'-DDD	5	92.05	0.0032	0.077	3
Endrin Aldehyde	5	92.05	0.0026	ND	NLE
4,4'-DDT	5	92.05	0.0058	0.217	2
Endosulfan-Sulfate	5	92.05	0.0021	ND	NLE
gamma -Chlordane	5	92.05	0.0026	0.006	NLE
alpha-Chlordane	5	92.05	0.0026	0.006	NLE
Toxaphene	5	92.05	0.0016	ND	0.1
Arochlor 1016	5	92.05	0.0590	ND	0.49
Arochlor 1221	5	92.05	0.1085	ND	0.49
Arochlor 1232	5	92.05	0.0738	ND	0.49
Arochlor 1242	5	92.05	0.0843	ND	0.49
Arochlor 1248	5	92.05	0.0337	ND	0.49
Arochlor 1254	5	92.05	0.0211	ND	0.49
Arochlor 1260	5	92.05	0.0190	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	123

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.99	0.0016	ND	NLE
beta-BHC	5	91.99	0.0016	ND	NLE
gamma-BHC	5	91.99	0.0022	ND	0.52
delta-BHC	5	91.99	0.0022	ND	NLE
Heptachlor	5	91.99	0.0016	ND	0.15
Aldrin	5	91.99	0.0022	ND	0.04
Heptachlor Epoxide	5	91.99	0.0033	ND	NLE
Endosulfan I	5	91.99	0.0027	ND	NLE
4,4'-DDE	5	91.99	0.0022	0.023	2
Dieldrin	5	91.99	0.0027	ND	0.042
Endrin	5	91.99	0.0027	ND	17
Endosulfan II	5	91.99	0.0022	ND	NLE
4,4'-DDD	5	91.99	0.0033	0.052	3
Endrin Aldehyde	5	91.99	0.0027	ND	NLE
4,4'-DDT	5	91.99	0.0060	0.084	2
Endosulfan-Sulfate	5	91.99	0.0022	ND	NLE
gamma -Chlordane	5	91.99	0.0027	ND	NLE
alpha-Chlordane	5	91.99	0.0027	ND	NLE
Toxaphene	5	91.99	0.0016	ND	0.1
Arochlor 1016	5	91.99	0.0611	ND	0.49
Arochlor 1221	5	91.99	0.1124	ND	0.49
Arochlor 1232	5	91.99	0.0764	ND	0.49
Arochlor 1242	5	91.99	0.0873	ND	0.49
Arochlor 1248	5	91.99	0.0349	ND	0.49
Arochlor 1254	5	91.99	0.0218	ND	0.49
Arochlor 1260	5	91.99	0.0196	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/4/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	124

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.02	0.0016	ND	NLE
beta-BHC	5	91.02	0.0016	ND	NLE
gamma-BHC	5	91.02	0.0021	ND	0.52
delta-BHC	5	91.02	0.0021	ND	NLE
Heptachlor	5	91.02	0.0016	ND	0.15
Aldrin	5	91.02	0.0021	ND	0.04
Heptachlor Epoxide	5	91.02	0.0032	ND	NLE
Endosulfan I	5	91.02	0.0026	ND	NLE
4,4'-DDE	5	91.02	0.0021	0.097	2
Dieldrin	5	91.02	0.0026	ND	0.042
Endrin	5	91.02	0.0026	ND	17
Endosulfan II	5	91.02	0.0021	ND	NLE
4,4'-DDD	5	91.02	0.0032	0.046	3
Endrin Aldehyde	5	91.02	0.0026	ND	NLE
4,4'-DDT	5	91.02	0.0058	0.262	2
Endosulfan-Sulfate	5	91.02	0.0021	ND	NLE
gamma -Chlordane	5	91.02	0.0026	ND	NLE
alpha-Chlordane	5	91.02	0.0026	ND	NLE
Toxaphene	5	91.02	0.0016	ND	0.1
Arochlor 1016	5	91.02	0.0593	ND	0.49
Arochlor 1221	5	91.02	0.1091	ND	0.49
Arochlor 1232	5	91.02	0.0742	ND	0.49
Arochlor 1242	5	91.02	0.0848	ND	0.49
Arochlor 1248	5	91.02	0.0339	ND	0.49
Arochlor 1254	5	91.02	0.0212	ND	0.49
Arochlor 1260	5	91.02	0.0191	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4027.12 11/3/98 11/6/98 12/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	125

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.57	0.0016	ND	NLE
beta-BHC	5	91.57	0.0016	ND	NLE
gamma-BHC	5	91.57	0.0021	ND	0.52
delta-BHC	5	91.57	0.0021	ND	NLE
Heptachlor	5	91.57	0.0016	ND	0.15
Aldrin	5	91.57	0.0021	ND	0.04
Heptachlor Epoxide	5	91.57	0.0031	ND	NLE
Endosulfan I	5	91.57	0.0026	ND	NLE
4,4'-DDE	5	91.57	0.0021	0.053	2
Dieldrin	5	91.57	0.0026	ND	0.042
Endrin	5	91.57	0.0026	ND	17
Endosulfan II	5	91.57	0.0021	ND	NLE
4,4'-DDD	5	91.57	0.0031	0.032	3
Endrin Aldehyde	5	91.57	0.0026	ND	NLE
4,4'-DDT	5	91.57	0.0057	0.078	2
Endosulfan-Sulfate	5	91.57	0.0021	ND	NLE
gamma -Chlordane	5	91.57	0.0026	ND	NLE
alpha-Chlordane	5	91.57	0.0026	ND	NLE
Toxaphene	5	91.57	0.0016	ND	0.1
Arochlor 1016	5	91.57	0.0581	ND	0.49
Arochlor 1221	5	91.57	0.1068	ND	0.49
Arochlor 1232	5	91.57	0.0726	ND	0.49
Arochlor 1242	5	91.57	0.0830	ND	0.49
Arochlor 1248	5	91.57	0.0332	ND	0.49
Arochlor 1254	5	91.57	0.0207	ND	0.49
Arochlor 1260	5	91.57	0.0187	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	126

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	96.08	0.0016	ND	NLE
beta-BHC	5	96.08	0.0016	ND	NLE
gamma-BHC	5	96.08	0.0021	0.007	0.52
delta-BHC	5	96.08	0.0021	ND	NLE
Heptachlor	5	96.08	0.0016	ND	0.15
Aldrin	5	96.08	0.0021	ND	0.04
Heptachlor Epoxide	5	96.08	0.0032	ND	NLE
Endosulfan I	5	96.08	0.0027	ND	NLE
4,4'-DDE	5	96.08	0.0021	0.241	2
Dieldrin	5	96.08	0.0027	ND	0.042
Endrin	5	96.08	0.0027	ND	17
Endosulfan II	5	96.08	0.0021	ND	NLE
4,4'-DDD	5	96.08	0.0032	0.301	3
Endrin Aldehyde	5	96.08	0.0027	ND	NLE
4,4'-DDT	5	96.08	0.0058	0.269	2
Endosulfan-Sulfate	5	96.08	0.0021	ND	NLE
gamma -Chlordane	5	96.08	0.0027	ND	NLE
alpha-Chlordane	5	96.08	0.0027	ND	NLE
Toxaphene	5	96.08	0.0016	ND	0.1
Arochlor 1016	5	96.08	0.0594	ND	0.49
Arochlor 1221	5	96.08	0.1093	ND	0.49
Arochlor 1232	5	96.08	0.0743	ND	0.49
Arochlor 1242	5	96.08	0.0849	ND	0.49
Arochlor 1248	5	96.08	0.0340	ND	0.49
Arochlor 1254	5	96.08	0.0212	ND	0.49
Arochlor 1260	5	96.08	0.0191	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/7/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	127

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	93.87	0.0015	ND	NLE
beta-BHC	5	93.87	0.0015	ND	NLE
gamma-BHC	5	93.87	0.0020	0.004	0.52
delta-BHC	5	93.87	0.0020	ND	NLE
Heptachlor	5	93.87	0.0015	ND	0.15
Aldrin	5	93.87	0.0020	ND	0.04
Heptachlor Epoxide	5	93.87	0.0030	ND	NLE
Endosulfan I	5	93.87	0.0025	ND	NLE
4,4'-DDE	5	93.87	0.0020	0.148	2
Dieldrin	5	93.87	0.0025	ND	0.042
Endrin	5	93.87	0.0025	ND	17
Endosulfan II	5	93.87	0.0020	ND	NLE
4,4'-DDD	5	93.87	0.0030	0.187	3
Endrin Aldehyde	5	93.87	0.0025	ND	NLE
4,4'-DDT	5	93.87	0.0054	0.042	2
Endosulfan-Sulfate	5	93.87	0.0020	ND	NLE
gamma -Chlordane	5	93.87	0.0025	ND	NLE
alpha-Chlordane	5	93.87	0.0025	ND	NLE
Toxaphene	5	93.87	0.0015	ND	0.1
Arochlor 1016	5	93.87	0.0553	ND	0.49
Arochlor 1221	5	93.87	0.1017	ND	0.49
Arochlor 1232	5	93.87	0.0691	ND	0.49
Arochlor 1242	5	93.87	0.0790	ND	0.49
Arochlor 1248	5	93.87	0.0316	ND	0.49
Arochlor 1254	5	93.87	0.0197	ND	0.49
Arochlor 1260	5	93.87	0.0178	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/8/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	128

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.58	0.0015	ND	NLE
beta-BHC	5	91.58	0.0015	ND	NLE
gamma-BHC	5	91.58	0.0020	0.022	0.52
delta-BHC	5	91.58	0.0020	ND	NLE
Heptachlor	5	91.58	0.0015	ND	0.15
Aldrin	5	91.58	0.0020	ND	0.04
Heptachlor Epoxide	5	91.58	0.0030	ND	NLE
Endosulfan I	5	91.58	0.0025	ND	NLE
4,4'-DDE	20	91.58	0.0081	0.630	2
Dieldrin	5	91.58	0.0025	ND	0.042
Endrin	5	91.58	0.0025	ND	17
Endosulfan II	5	91.58	0.0020	ND	NLE
4,4'-DDD	5	91.58	0.0030	0.341	3
Endrin Aldehyde	5	91.58	0.0025	ND	NLE
4,4'-DDT	20	91.58	0.0222	0.723	2
Endosulfan-Sulfate	5	91.58	0.0020	ND	NLE
gamma -Chlordane	5	91.58	0.0025	0.005	NLE
alpha-Chlordane	5	91.58	0.0025	0.006	NLE
Toxaphene	5	91.58	0.0015	ND	0.1
Arochlor 1016	5	91.58	0.0565	ND	0.49
Arochlor 1221	5	91.58	0.1039	ND	0.49
Arochlor 1232	5	91.58	0.0706	ND	0.49
Arochlor 1242	5	91.58	0.0807	ND	0.49
Arochlor 1248	5	91.58	0.0323	ND	0.49
Arochlor 1254	5	91.58	0.0202	ND	0.49
Arochlor 1260	5	91.58	0.0182	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/8/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	129

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.38	0.0016	ND	NLE
beta-BHC	5	90.38	0.0016	ND	NLE
gamma-BHC	5	90.38	0.0021	0.007	0.52
delta-BHC	5	90.38	0.0021	ND	NLE
Heptachlor	5	90.38	0.0016	ND	0.15
Aldrin	5	90.38	0.0021	ND	0.04
Heptachlor Epoxide	5	90.38	0.0032	ND	NLE
Endosulfan I	5	90.38	0.0026	ND	NLE
4,4'-DDE	5	90.38	0.0021	0.193	2
Dieldrin	5	90.38	0.0026	ND	0.042
Endrin	5	90.38	0.0026	ND	17
Endosulfan II	5	90.38	0.0021	ND	NLE
4,4'-DDD	5	90.38	0.0032	0.051	3
Endrin Aldehyde	5	90.38	0.0026	ND	NLE
4,4'-DDT	5	90.38	0.0058	0.420	2
Endosulfan-Sulfate	5	90.38	0.0021	ND	NLE
gamma -Chlordane	5	90.38	0.0026	ND	NLE
alpha-Chlordane	5	90.38	0.0026	ND	NLE
Toxaphene	5	90.38	0.0016	ND	0.1
Arochlor 1016	5	90.38	0.0591	ND	0.49
Arochlor 1221	5	90.38	0.1087	ND	0.49
Arochlor 1232	5	90.38	0.0739	ND	0.49
Arochlor 1242	5	90.38	0.0845	ND	0.49
Arochlor 1248	5	90.38	0.0338	ND	0.49
Arochlor 1254	5	90.38	0.0211	ND	0.49
Arochlor 1260	5	90.38	0.0190	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/8/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	130

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	87.75	0.0016	ND	NLE
beta-BHC	5	87.75	0.0016	ND	NLE
gamma-BHC	5	87.75	0.0022	ND	0.52
delta-BHC	5	87.75	0.0022	ND	NLE
Heptachlor	5	87.75	0.0016	ND	0.15
Aldrin	5	87.75	0.0022	ND	0.04
Heptachlor Epoxide	5	87.75	0.0033	ND	NLE
Endosulfan I	5	87.75	0.0027	ND	NLE
4,4'-DDE	5	87.75	0.0022	0.026	2
Dieldrin	5	87.75	0.0027	ND	0.042
Endrin	5	87.75	0.0027	ND	17
Endosulfan II	5	87.75	0.0022	ND	NLE
4,4'-DDD	5	87.75	0.0033	0.027	3
Endrin Aldehyde	5	87.75	0.0027	ND	NLE
4,4'-DDT	5	87.75	0.0060	0.019	2
Endosulfan-Sulfate	5	87.75	0.0022	ND	NLE
gamma -Chlordane	5	87.75	0.0027	ND	NLE
alpha-Chlordane	5	87.75	0.0027	ND	NLE
Toxaphene	5	87.75	0.0016	ND	0.1
Arochlor 1016	5	87.75	0.0610	ND	0.49
Arochlor 1221	5	87.75	0.1122	ND	0.49
Arochlor 1232	5	87.75	0.0763	ND	0.49
Arochlor 1242	5	87.75	0.0872	ND	0.49
Arochlor 1248	5	87.75	0.0349	ND	0.49
Arochlor 1254	5	87.75	0.0218	ND	0.49
Arochlor 1260	5	87.75	0.0196	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/8/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	131

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	88.80	0.0015	ND	NLE
beta-BHC	5	88.80	0.0015	ND	NLE
gamma-BHC	5	88.80	0.0020	ND	0.52
delta-BHC	5	88.80	0.0020	ND	NLE
Heptachlor	5	88.80	0.0015	ND	0.15
Aldrin	5	88.80	0.0020	ND	0.04
Heptachlor Epoxide	5	88.80	0.0031	ND	NLE
Endosulfan I	5	88.80	0.0026	ND	NLE
4,4'-DDE	5	88.80	0.0020	0.009	2
Dieldrin	5	88.80	0.0026	ND	0.042
Endrin	5	88.80	0.0026	ND	17
Endosulfan II	5	88.80	0.0020	ND	NLE
4,4'-DDD	5	88.80	0.0031	0.141	3
Endrin Aldehyde	5	88.80	0.0026	ND	NLE
4,4'-DDT	5	88.80	0.0056	0.045	2
Endosulfan-Sulfate	5	88.80	0.0020	ND	NLE
gamma -Chlordane	5	88.80	0.0026	ND	NLE
alpha-Chlordane	5	88.80	0.0026	ND	NLE
Toxaphene	5	88.80	0.0015	ND	0.1
Arochlor 1016	5	88.80	0.0572	ND	0.49
Arochlor 1221	5	88.80	0.1053	ND	0.49
Arochlor 1232	5	88.80	0.0715	ND	0.49
Arochlor 1242	5	88.80	0.0818	ND	0.49
Arochlor 1248	5	88.80	0.0327	ND	0.49
Arochlor 1254	5	88.80	0.0204	ND	0.49
Arochlor 1260	5	88.80	0.0184	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/8/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	132

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	88.80	0.0017	ND	NLE
beta-BHC	5	88.80	0.0017	ND	NLE
gamma-BHC	5	88.80	0.0022	0.013	0.52
delta-BHC	5	88.80	0.0022	ND	NLE
Heptachlor	5	88.80	0.0017	ND	0.15
Aldrin	5	88.80	0.0022	ND	0.04
Heptachlor Epoxide	5	88.80	0.0033	ND	NLE
Endosulfan I	5	88.80	0.0028	ND	NLE
4,4'-DDE	5	88.80	0.0022	0.260	2
Dieldrin	5	88.80	0.0028	ND	0.042
Endrin	5	88.80	0.0028	ND	17
Endosulfan II	5	88.80	0.0022	ND	NLE
4,4'-DDD	5	88.80	0.0033	0.129	3
Endrin Aldehyde	5	88.80	0.0028	ND	NLE
4,4'-DDT	10	88.80	0.0123	0.493	2
Endosulfan-Sulfate	5	88.80	0.0022	ND	NLE
gamma -Chlordane	5	88.80	0.0028	ND	NLE
alpha-Chlordane	5	88.80	0.0028	ND	NLE
Toxaphene	5	88.80	0.0017	ND	0.1
Arochlor 1016	5	88.80	0.0625	ND	0.49
Arochlor 1221	5	88.80	0.1150	ND	0.49
Arochlor 1232	5	88.80	0.0781	ND	0.49
Arochlor 1242	5	88.80	0.0893	ND	0.49
Arochlor 1248	5	88.80	0.0357	ND	0.49
Arochlor 1254	5	88.80	0.0223	ND	0.49
Arochlor 1260	5	88.80	0.0201	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/8/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	133

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.95	0.0016	ND	NLE
beta-BHC	5	90.95	0.0016	ND	NLE
gamma-BHC	5	90.95	0.0022	0.010	0.52
delta-BHC	5	90.95	0.0022	ND	NLE
Heptachlor	5	90.95	0.0016	ND	0.15
Aldrin	5	90.95	0.0022	ND	0.04
Heptachlor Epoxide	5	90.95	0.0033	ND	NLE
Endosulfan I	5	90.95	0.0027	ND	NLE
4,4'-DDE	5	90.95	0.0022	0.531	2
Dieldrin	5	90.95	0.0027	ND	0.042
Endrin	5	90.95	0.0027	ND	17
Endosulfan II	5	90.95	0.0022	ND	NLE
4,4'-DDD	5	90.95	0.0033	0.214	3
Endrin Aldehyde	5	90.95	0.0027	ND	NLE
4,4'-DDT	10	90.95	0.0120	0.868	2
Endosulfan-Sulfate	5	90.95	0.0022	ND	NLE
gamma -Chlordane	5	90.95	0.0027	0.003	NLE
alpha-Chlordane	5	90.95	0.0027	0.003	NLE
Toxaphene	5	90.95	0.0016	ND	0.1
Arochlor 1016	5	90.95	0.0611	ND	0.49
Arochlor 1221	5	90.95	0.1124	ND	0.49
Arochlor 1232	5	90.95	0.0764	ND	0.49
Arochlor 1242	5	90.95	0.0873	ND	0.49
Arochlor 1248	5	90.95	0.0349	ND	0.49
Arochlor 1254	5	90.95	0.0218	ND	0.49
Arochlor 1260	5	90.95	0.0196	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4027.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/3/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/8/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	134

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	86.84	0.0017	ND	NLE
beta-BHC	5	86.84	0.0017	ND	NLE
gamma-BHC	5	86.84	0.0023	0.020	0.52
delta-BHC	5	86.84	0.0023	ND	NLE
Heptachlor	5	86.84	0.0017	ND	0.15
Aldrin	5	86.84	0.0023	ND	0.04
Heptachlor Epoxide	5	86.84	0.0034	ND	NLE
Endosulfan I	5	86.84	0.0028	ND	NLE
4,4'-DDE	200	86.84	0.0903	6.677	2
Dieldrin	5	86.84	0.0028	ND	0.042
Endrin	5	86.84	0.0028	0.007	17
Endosulfan II	5	86.84	0.0023	ND	NLE
4,4'-DDD	200	86.84	0.1355	2.612	3
Endrin Aldehyde	5	86.84	0.0028	ND	NLE
4,4'-DDT	200	86.84	0.2484	10.216	2
Endosulfan-Sulfate	5	86.84	0.0023	ND	NLE
gamma -Chlordane	5	86.84	0.0028	0.197	NLE
alpha-Chlordane	5	86.84	0.0028	0.178	NLE
Toxaphene	5	86.84	0.0017	ND	0.1
Arochlor 1016	5	86.84	0.0632	ND	0.49
Arochlor 1221	5	86.84	0.1163	ND	0.49
Arochlor 1232	5	86.84	0.0790	ND	0.49
Arochlor 1242	5	86.84	0.0903	ND	0.49
Arochlor 1248	5	86.84	0.0361	ND	0.49
Arochlor 1254	5	86.84	0.0226	ND	0.49
Arochlor 1260	5	86.84	0.0203	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	135

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	85.34	0.0017	ND	NLE
beta-BHC	5	85.34	0.0017	ND	NLE
gamma-BHC	5	85.34	0.0023	ND	0.52
delta-BHC	5	85.34	0.0023	ND	NLE
Heptachlor	5	85.34	0.0017	ND	0.15
Aldrin	5	85.34	0.0023	ND	0.04
Heptachlor Epoxide	5	85.34	0.0035	ND	NLE
Endosulfan I	5	85.34	0.0029	ND	NLE
4,4'-DDE	5	85.34	0.0023	0.244	2
Dieldrin	5	85.34	0.0029	ND	0.042
Endrin	5	85.34	0.0029	ND	17
Endosulfan II	5	85.34	0.0023	ND	NLE
4,4'-DDD	5	85.34	0.0035	0.095	3
Endrin Aldehyde	5	85.34	0.0029	ND	NLE
4,4'-DDT	5	85.34	0.0064	0.210	2
Endosulfan-Sulfate	5	85.34	0.0023	ND	NLE
gamma -Chlordane	5	85.34	0.0029	ND	NLE
alpha-Chlordane	5	85.34	0.0029	0.003	NLE
Toxaphene	5	85.34	0.0017	ND	0.1
Arochlor 1016	5	85.34	0.0647	ND	0.49
Arochlor 1221	5	85.34	0.1190	ND	0.49
Arochlor 1232	5	85.34	0.0809	ND	0.49
Arochlor 1242	5	85.34	0.0924	ND	0.49
Arochlor 1248	5	85.34	0.0370	ND	0.49
Arochlor 1254	5	85.34	0.0231	ND	0.49
Arochlor 1260	5	85.34	0.0208	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	136

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.07	0.0016	ND	NLE
beta-BHC	5	90.07	0.0016	ND	NLE
gamma-BHC	5	90.07	0.0021	ND	0.52
delta-BHC	5	90.07	0.0021	ND	NLE
Heptachlor	5	90.07	0.0016	ND	0.15
Aldrin	5	90.07	0.0021	ND	0.04
Heptachlor Epoxide	5	90.07	0.0032	ND	NLE
Endosulfan I	5	90.07	0.0027	ND	NLE
4,4'-DDE	5	90.07	0.0021	0.025	2
Dieldrin	5	90.07	0.0027	ND	0.042
Endrin	5	90.07	0.0027	ND	17
Endosulfan II	5	90.07	0.0021	ND	NLE
4,4'-DDD	5	90.07	0.0032	0.065	3
Endrin Aldehyde	5	90.07	0.0027	ND	NLE
4,4'-DDT	5	90.07	0.0059	0.028	2
Endosulfan-Sulfate	5	90.07	0.0021	ND	NLE
gamma -Chlordane	5	90.07	0.0027	ND	NLE
alpha-Chlordane	5	90.07	0.0027	ND	NLE
Toxaphene	5	90.07	0.0016	ND	0.1
Arochlor 1016	5	90.07	0.0601	ND	0.49
Arochlor 1221	5	90.07	0.1105	ND	0.49
Arochlor 1232	5	90.07	0.0751	ND	0.49
Arochlor 1242	5	90.07	0.0858	ND	0.49
Arochlor 1248	5	90.07	0.0343	ND	0.49
Arochlor 1254	5	90.07	0.0215	ND	0.49
Arochlor 1260	5	90.07	0.0193	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	137

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	83.18	0.0017	ND	NLE
beta-BHC	5	83.18	0.0017	ND	NLE
gamma-BHC	5	83.18	0.0023	ND	0.52
delta-BHC	5	83.18	0.0023	ND	NLE
Heptachlor	5	83.18	0.0017	ND	0.15
Aldrin	5	83.18	0.0023	ND	0.04
Heptachlor Epoxide	5	83.18	0.0034	ND	NLE
Endosulfan I	5	83.18	0.0029	ND	NLE
4,4'-DDE	5	83.18	0.0023	0.099	2
Dieldrin	5	83.18	0.0029	ND	0.042
Endrin	5	83.18	0.0029	ND	17
Endosulfan II	5	83.18	0.0023	ND	NLE
4,4'-DDD	5	83.18	0.0034	0.163	3
Endrin Aldehyde	5	83.18	0.0029	ND	NLE
4,4'-DDT	5	83.18	0.0063	0.210	2
Endosulfan-Sulfate	5	83.18	0.0023	ND	NLE
gamma -Chlordane	5	83.18	0.0029	0.004	NLE
alpha-Chlordane	5	83.18	0.0029	0.058	NLE
Toxaphene	5	83.18	0.0017	ND	0.1
Arochlor 1016	5	83.18	0.0639	ND	0.49
Arochlor 1221	5	83.18	0.1176	ND	0.49
Arochlor 1232	5	83.18	0.0799	ND	0.49
Arochlor 1242	5	83.18	0.0913	ND	0.49
Arochlor 1248	5	83.18	0.0365	ND	0.49
Arochlor 1254	5	83.18	0.0228	ND	0.49
Arochlor 1260	5	83.18	0.0206	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	138

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	94.04	0.0016	ND	NLE
beta-BHC	5	94.04	0.0016	ND	NLE
gamma-BHC	5	94.04	0.0021	0.006	0.52
delta-BHC	5	94.04	0.0021	ND	NLE
Heptachlor	5	94.04	0.0016	ND	0.15
Aldrin	5	94.04	0.0021	ND	0.04
Heptachlor Epoxide	5	94.04	0.0031	ND	NLE
Endosulfan I	5	94.04	0.0026	ND	NLE
4,4'-DDE	5	94.04	0.0021	0.340	2
Dieldrin	5	94.04	0.0026	ND	0.042
Endrin	5	94.04	0.0026	ND	17
Endosulfan II	5	94.04	0.0021	ND	NLE
4,4'-DDD	5	94.04	0.0031	0.063	3
Endrin Aldehyde	5	94.04	0.0026	ND	NLE
4,4'-DDT	10	94.04	0.0115	0.503	2
Endosulfan-Sulfate	5	94.04	0.0021	ND	NLE
gamma -Chlordane	5	94.04	0.0026	ND	NLE
alpha-Chlordane	5	94.04	0.0026	0.003	NLE
Toxaphene	5	94.04	0.0016	ND	0.1
Arochlor 1016	5	94.04	0.0587	ND	0.49
Arochlor 1221	5	94.04	0.1080	ND	0.49
Arochlor 1232	5	94.04	0.0734	ND	0.49
Arochlor 1242	5	94.04	0.0839	ND	0.49
Arochlor 1248	5	94.04	0.0336	ND	0.49
Arochlor 1254	5	94.04	0.0210	ND	0.49
Arochlor 1260	5	94.04	0.0189	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	139

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.50	0.0016	ND	NLE
beta-BHC	5	91.50	0.0016	ND	NLE
gamma-BHC	5	91.50	0.0021	0.005	0.52
delta-BHC	5	91.50	0.0021	ND	NLE
Heptachlor	5	91.50	0.0016	ND	0.15
Aldrin	5	91.50	0.0021	ND	0.04
Heptachlor Epoxide	5	91.50	0.0032	ND	NLE
Endosulfan I	5	91.50	0.0026	ND	NLE
4,4'-DDE	5	91.50	0.0021	0.278	2
Dieldrin	5	91.50	0.0026	ND	0.042
Endrin	5	91.50	0.0026	ND	17
Endosulfan II	5	91.50	0.0021	ND	NLE
4,4'-DDD	5	91.50	0.0032	0.088	3
Endrin Aldehyde	5	91.50	0.0026	ND	NLE
4,4'-DDT	5	91.50	0.0058	0.327	2
Endosulfan-Sulfate	5	91.50	0.0021	ND	NLE
gamma -Chlordane	5	91.50	0.0026	0.003	NLE
alpha-Chlordane	5	91.50	0.0026	0.005	NLE
Toxaphene	5	91.50	0.0016	ND	0.1
Arochlor 1016	5	91.50	0.0592	ND	0.49
Arochlor 1221	5	91.50	0.1089	ND	0.49
Arochlor 1232	5	91.50	0.0740	ND	0.49
Arochlor 1242	5	91.50	0.0846	ND	0.49
Arochlor 1248	5	91.50	0.0338	ND	0.49
Arochlor 1254	5	91.50	0.0211	ND	0.49
Arochlor 1260	5	91.50	0.0190	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	140

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.08	0.0017	ND	NLE
beta-BHC	5	90.08	0.0017	ND	NLE
gamma-BHC	5	90.08	0.0022	ND	0.52
delta-BHC	5	90.08	0.0022	ND	NLE
Heptachlor	5	90.08	0.0017	ND	0.15
Aldrin	5	90.08	0.0022	ND	0.04
Heptachlor Epoxide	5	90.08	0.0033	ND	NLE
Endosulfan I	5	90.08	0.0028	ND	NLE
4,4'-DDE	5	90.08	0.0022	0.032	2
Dieldrin	5	90.08	0.0028	ND	0.042
Endrin	5	90.08	0.0028	ND	17
Endosulfan II	5	90.08	0.0022	ND	NLE
4,4'-DDD	5	90.08	0.0033	0.052	3
Endrin Aldehyde	5	90.08	0.0028	ND	NLE
4,4'-DDT	5	90.08	0.0061	0.014	2
Endosulfan-Sulfate	5	90.08	0.0022	ND	NLE
gamma -Chlordane	5	90.08	0.0028	ND	NLE
alpha-Chlordane	5	90.08	0.0028	ND	NLE
Toxaphene	5	90.08	0.0017	ND	0.1
Arochlor 1016	5	90.08	0.0619	ND	0.49
Arochlor 1221	5	90.08	0.1139	ND	0.49
Arochlor 1232	5	90.08	0.0774	ND	0.49
Arochlor 1242	5	90.08	0.0885	ND	0.49
Arochlor 1248	5	90.08	0.0354	ND	0.49
Arochlor 1254	5	90.08	0.0221	ND	0.49
Arochlor 1260	5	90.08	0.0199	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	141

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	93.52	0.0016	ND	NLE
beta-BHC	5	93.52	0.0016	ND	NLE
gamma-BHC	5	93.52	0.0021	ND	0.52
delta-BHC	5	93.52	0.0021	ND	NLE
Heptachlor	5	93.52	0.0016	ND	0.15
Aldrin	5	93.52	0.0021	ND	0.04
Heptachlor Epoxide	5	93.52	0.0032	ND	NLE
Endosulfan I	5	93.52	0.0026	ND	NLE
4,4'-DDE	5	93.52	0.0021	0.020	2
Dieldrin	5	93.52	0.0026	ND	0.042
Endrin	5	93.52	0.0026	ND	17
Endosulfan II	5	93.52	0.0021	ND	NLE
4,4'-DDD	5	93.52	0.0032	0.140	3
Endrin Aldehyde	5	93.52	0.0026	ND	NLE
4,4'-DDT	5	93.52	0.0058	0.022	2
Endosulfan-Sulfate	5	93.52	0.0021	ND	NLE
gamma -Chlordane	5	93.52	0.0026	ND	NLE
alpha-Chlordane	5	93.52	0.0026	ND	NLE
Toxaphene	5	93.52	0.0016	ND	0.1
Arochlor 1016	5	93.52	0.0591	ND	0.49
Arochlor 1221	5	93.52	0.1086	ND	0.49
Arochlor 1232	5	93.52	0.0738	ND	0.49
Arochlor 1242	5	93.52	0.0844	ND	0.49
Arochlor 1248	5	93.52	0.0337	ND	0.49
Arochlor 1254	5	93.52	0.0211	ND	0.49
Arochlor 1260	5	93.52	0.0190	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	142

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.69	0.0015	ND	NLE
beta-BHC	5	90.69	0.0015	ND	NLE
gamma-BHC	5	90.69	0.0020	ND	0.52
delta-BHC	5	90.69	0.0020	ND	NLE
Heptachlor	5	90.69	0.0015	ND	0.15
Aldrin	5	90.69	0.0020	ND	0.04
Heptachlor Epoxide	5	90.69	0.0030	ND	NLE
Endosulfan I	5	90.69	0.0025	ND	NLE
4,4'-DDE	5	90.69	0.0020	0.059	2
Dieldrin	5	90.69	0.0025	ND	0.042
Endrin	5	90.69	0.0025	ND	17
Endosulfan II	5	90.69	0.0020	ND	NLE
4,4'-DDD	5	90.69	0.0030	0.066	3
Endrin Aldehyde	5	90.69	0.0025	ND	NLE
4,4'-DDT	5	90.69	0.0055	0.166	2
Endosulfan-Sulfate	5	90.69	0.0020	ND	NLE
gamma -Chlordane	5	90.69	0.0025	0.003	NLE
alpha-Chlordane	5	90.69	0.0025	0.003	NLE
Toxaphene	5	90.69	0.0015	ND	0.1
Arochlor 1016	5	90.69	0.0558	ND	0.49
Arochlor 1221	5	90.69	0.1027	ND	0.49
Arochlor 1232	5	90.69	0.0698	ND	0.49
Arochlor 1242	5	90.69	0.0798	ND	0.49
Arochlor 1248	5	90.69	0.0319	ND	0.49
Arochlor 1254	5	90.69	0.0199	ND	0.49
Arochlor 1260	5	90.69	0.0179	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4030.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/4/98
	Bldg. 173	**Extraction Date:**	11/6/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	143

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	93.67	0.0016	ND	NLE
beta-BHC	5	93.67	0.0016	ND	NLE
gamma-BHC	5	93.67	0.0021	ND	0.52
delta-BHC	5	93.67	0.0021	ND	NLE
Heptachlor	5	93.67	0.0016	ND	0.15
Aldrin	5	93.67	0.0021	ND	0.04
Heptachlor Epoxide	5	93.67	0.0031	ND	NLE
Endosulfan I	5	93.67	0.0026	ND	NLE
4,4'-DDE	5	93.67	0.0021	0.108	2
Dieldrin	5	93.67	0.0026	ND	0.042
Endrin	5	93.67	0.0026	ND	17
Endosulfan II	5	93.67	0.0021	ND	NLE
4,4'-DDD	5	93.67	0.0031	0.072	3
Endrin Aldehyde	5	93.67	0.0026	ND	NLE
4,4'-DDT	5	93.67	0.0058	0.066	2
Endosulfan-Sulfate	5	93.67	0.0021	ND	NLE
gamma -Chlordane	5	93.67	0.0026	0.004	NLE
alpha-Chlordane	5	93.67	0.0026	0.004	NLE
Toxaphene	5	93.67	0.0016	ND	0.1
Arochlor 1016	5	93.67	0.0586	ND	0.49
Arochlor 1221	5	93.67	0.1077	ND	0.49
Arochlor 1232	5	93.67	0.0732	ND	0.49
Arochlor 1242	5	93.67	0.0836	ND	0.49
Arochlor 1248	5	93.67	0.0335	ND	0.49
Arochlor 1254	5	93.67	0.0209	ND	0.49
Arochlor 1260	5	93.67	0.0188	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	144

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	86.17	0.0017	ND	NLE
beta-BHC	5	86.17	0.0017	ND	NLE
gamma-BHC	5	86.17	0.0023	0.060	0.52
delta-BHC	5	86.17	0.0023	ND	NLE
Heptachlor	5	86.17	0.0017	ND	0.15
Aldrin	5	86.17	0.0023	ND	0.04
Heptachlor Epoxide	5	86.17	0.0034	ND	NLE
Endosulfan I	5	86.17	0.0028	ND	NLE
4,4'-DDE	5	86.17	0.0023	0.063	2
Dieldrin	5	86.17	0.0028	0.004	0.042
Endrin	5	86.17	0.0028	ND	17
Endosulfan II	5	86.17	0.0023	ND	NLE
4,4'-DDD	5	86.17	0.0034	0.174	3
Endrin Aldehyde	5	86.17	0.0028	ND	NLE
4,4'-DDT	5	86.17	0.0062	0.087	2
Endosulfan-Sulfate	5	86.17	0.0023	ND	NLE
gamma -Chlordane	5	86.17	0.0028	0.008	NLE
alpha-Chlordane	5	86.17	0.0028	0.009	NLE
Toxaphene	5	86.17	0.0017	ND	0.1
Arochlor 1016	5	86.17	0.0633	ND	0.49
Arochlor 1221	5	86.17	0.1165	ND	0.49
Arochlor 1232	5	86.17	0.0792	ND	0.49
Arochlor 1242	5	86.17	0.0905	ND	0.49
Arochlor 1248	5	86.17	0.0362	ND	0.49
Arochlor 1254	5	86.17	0.0226	ND	0.49
Arochlor 1260	5	86.17	0.0204	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	145

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	88.61	0.0017	ND	NLE
beta-BHC	5	88.61	0.0017	ND	NLE
gamma-BHC	5	88.61	0.0022	ND	0.52
delta-BHC	5	88.61	0.0022	ND	NLE
Heptachlor	5	88.61	0.0017	ND	0.15
Aldrin	5	88.61	0.0022	ND	0.04
Heptachlor Epoxide	5	88.61	0.0034	ND	NLE
Endosulfan I	5	88.61	0.0028	ND	NLE
4,4'-DDE	5	88.61	0.0022	0.013	2
Dieldrin	5	88.61	0.0028	ND	0.042
Endrin	5	88.61	0.0028	ND	17
Endosulfan II	5	88.61	0.0022	ND	NLE
4,4'-DDD	5	88.61	0.0034	ND	3
Endrin Aldehyde	5	88.61	0.0028	ND	NLE
4,4'-DDT	5	88.61	0.0062	0.007	2
Endosulfan-Sulfate	5	88.61	0.0022	ND	NLE
gamma -Chlordane	5	88.61	0.0028	ND	NLE
alpha-Chlordane	5	88.61	0.0028	ND	NLE
Toxaphene	5	88.61	0.0017	ND	0.1
Arochlor 1016	5	88.61	0.0627	ND	0.49
Arochlor 1221	5	88.61	0.1153	ND	0.49
Arochlor 1232	5	88.61	0.0784	ND	0.49
Arochlor 1242	5	88.61	0.0896	ND	0.49
Arochlor 1248	5	88.61	0.0358	ND	0.49
Arochlor 1254	5	88.61	0.0224	ND	0.49
Arochlor 1260	5	88.61	0.0202	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	146

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	94.33	0.0016	ND	NLE
beta-BHC	5	94.33	0.0016	ND	NLE
gamma-BHC	5	94.33	0.0021	ND	0.52
delta-BHC	5	94.33	0.0021	ND	NLE
Heptachlor	5	94.33	0.0016	ND	0.15
Aldrin	5	94.33	0.0021	ND	0.04
Heptachlor Epoxide	5	94.33	0.0031	ND	NLE
Endosulfan I	5	94.33	0.0026	ND	NLE
4,4'-DDE	5	94.33	0.0021	0.034	2
Dieldrin	5	94.33	0.0026	ND	0.042
Endrin	5	94.33	0.0026	ND	17
Endosulfan II	5	94.33	0.0021	ND	NLE
4,4'-DDD	5	94.33	0.0031	0.010	3
Endrin Aldehyde	5	94.33	0.0026	ND	NLE
4,4'-DDT	5	94.33	0.0057	0.033	2
Endosulfan-Sulfate	5	94.33	0.0021	ND	NLE
gamma -Chlordane	5	94.33	0.0026	ND	NLE
alpha-Chlordane	5	94.33	0.0026	ND	NLE
Toxaphene	5	94.33	0.0016	ND	0.1
Arochlor 1016	5	94.33	0.0579	ND	0.49
Arochlor 1221	5	94.33	0.1065	ND	0.49
Arochlor 1232	5	94.33	0.0724	ND	0.49
Arochlor 1242	5	94.33	0.0827	ND	0.49
Arochlor 1248	5	94.33	0.0331	ND	0.49
Arochlor 1254	5	94.33	0.0207	ND	0.49
Arochlor 1260	5	94.33	0.0186	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/10/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	147

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.28	0.0016	ND	NLE
beta-BHC	5	91.28	0.0016	ND	NLE
gamma-BHC	5	91.28	0.0022	ND	0.52
delta-BHC	5	91.28	0.0022	ND	NLE
Heptachlor	5	91.28	0.0016	ND	0.15
Aldrin	5	91.28	0.0022	ND	0.04
Heptachlor Epoxide	5	91.28	0.0032	ND	NLE
Endosulfan I	5	91.28	0.0027	ND	NLE
4,4'-DDE	5	91.28	0.0022	0.034	2
Dieldrin	5	91.28	0.0027	ND	0.042
Endrin	5	91.28	0.0027	ND	17
Endosulfan II	5	91.28	0.0022	ND	NLE
4,4'-DDD	5	91.28	0.0032	0.038	3
Endrin Aldehyde	5	91.28	0.0027	ND	NLE
4,4'-DDT	5	91.28	0.0059	0.084	2
Endosulfan-Sulfate	5	91.28	0.0022	ND	NLE
gamma -Chlordane	5	91.28	0.0027	ND	NLE
alpha-Chlordane	5	91.28	0.0027	ND	NLE
Toxaphene	5	91.28	0.0016	ND	0.1
Arochlor 1016	5	91.28	0.0606	ND	0.49
Arochlor 1221	5	91.28	0.1114	ND	0.49
Arochlor 1232	5	91.28	0.0757	ND	0.49
Arochlor 1242	5	91.28	0.0865	ND	0.49
Arochlor 1248	5	91.28	0.0346	ND	0.49
Arochlor 1254	5	91.28	0.0216	ND	0.49
Arochlor 1260	5	91.28	0.0195	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	148

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	67.28	0.0021	ND	NLE
beta-BHC	5	67.28	0.0021	ND	NLE
gamma-BHC	5	67.28	0.0028	ND	0.52
delta-BHC	5	67.28	0.0028	ND	NLE
Heptachlor	5	67.28	0.0021	ND	0.15
Aldrin	5	67.28	0.0028	ND	0.04
Heptachlor Epoxide	5	67.28	0.0043	ND	NLE
Endosulfan I	5	67.28	0.0036	ND	NLE
4,4'-DDE	5	67.28	0.0028	0.104	2
Dieldrin	5	67.28	0.0036	ND	0.042
Endrin	5	67.28	0.0036	ND	17
Endosulfan II	5	67.28	0.0028	ND	NLE
4,4'-DDD	5	67.28	0.0043	0.042	3
Endrin Aldehyde	5	67.28	0.0036	ND	NLE
4,4'-DDT	5	67.28	0.0078	0.175	2
Endosulfan-Sulfate	5	67.28	0.0028	ND	NLE
gamma -Chlordane	5	67.28	0.0036	ND	NLE
alpha-Chlordane	5	67.28	0.0036	ND	NLE
Toxaphene	5	67.28	0.0021	ND	0.1
Arochlor 1016	5	67.28	0.0796	ND	0.49
Arochlor 1221	5	67.28	0.1464	ND	0.49
Arochlor 1232	5	67.28	0.0995	ND	0.49
Arochlor 1242	5	67.28	0.1137	ND	0.49
Arochlor 1248	5	67.28	0.0455	ND	0.49
Arochlor 1254	5	67.28	0.0284	ND	0.49
Arochlor 1260	5	67.28	0.0256	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	149

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	88.01	0.0017	ND	NLE
beta-BHC	5	88.01	0.0017	ND	NLE
gamma-BHC	5	88.01	0.0022	ND	0.52
delta-BHC	5	88.01	0.0022	ND	NLE
Heptachlor	5	88.01	0.0017	ND	0.15
Aldrin	5	88.01	0.0022	ND	0.04
Heptachlor Epoxide	5	88.01	0.0034	ND	NLE
Endosulfan I	5	88.01	0.0028	ND	NLE
4,4'-DDE	5	88.01	0.0022	0.228	2
Dieldrin	5	88.01	0.0028	ND	0.042
Endrin	5	88.01	0.0028	ND	17
Endosulfan II	5	88.01	0.0022	ND	NLE
4,4'-DDD	5	88.01	0.0034	0.081	3
Endrin Aldehyde	5	88.01	0.0028	ND	NLE
4,4'-DDT	5	88.01	0.0062	0.232	2
Endosulfan-Sulfate	5	88.01	0.0022	ND	NLE
gamma -Chlordane	5	88.01	0.0028	ND	NLE
alpha-Chlordane	5	88.01	0.0028	ND	NLE
Toxaphene	5	88.01	0.0017	ND	0.1
Arochlor 1016	5	88.01	0.0627	ND	0.49
Arochlor 1221	5	88.01	0.1153	ND	0.49
Arochlor 1232	5	88.01	0.0784	ND	0.49
Arochlor 1242	5	88.01	0.0896	ND	0.49
Arochlor 1248	5	88.01	0.0358	ND	0.49
Arochlor 1254	5	88.01	0.0224	ND	0.49
Arochlor 1260	5	88.01	0.0201	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	150

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.95	0.0015	ND	NLE
beta-BHC	5	90.95	0.0015	ND	NLE
gamma-BHC	5	90.95	0.0021	0.003	0.52
delta-BHC	5	90.95	0.0021	ND	NLE
Heptachlor	5	90.95	0.0015	ND	0.15
Aldrin	5	90.95	0.0021	ND	0.04
Heptachlor Epoxide	5	90.95	0.0031	ND	NLE
Endosulfan I	5	90.95	0.0026	ND	NLE
4,4'-DDE	5	90.95	0.0021	0.415	2
Dieldrin	5	90.95	0.0026	0.010	0.042
Endrin	5	90.95	0.0026	ND	17
Endosulfan II	5	90.95	0.0021	ND	NLE
4,4'-DDD	5	90.95	0.0031	0.060	3
Endrin Aldehyde	5	90.95	0.0026	ND	NLE
4,4'-DDT	5	90.95	0.0057	0.213	2
Endosulfan-Sulfate	5	90.95	0.0021	ND	NLE
gamma -Chlordane	5	90.95	0.0026	0.008	NLE
alpha-Chlordane	5	90.95	0.0026	0.011	NLE
Toxaphene	5	90.95	0.0015	ND	0.1
Arochlor 1016	5	90.95	0.0576	ND	0.49
Arochlor 1221	5	90.95	0.1059	ND	0.49
Arochlor 1232	5	90.95	0.0720	ND	0.49
Arochlor 1242	5	90.95	0.0823	ND	0.49
Arochlor 1248	5	90.95	0.0329	ND	0.49
Arochlor 1254	5	90.95	0.0206	ND	0.49
Arochlor 1260	5	90.95	0.0185	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/11/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	151

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	96.04	0.0014	ND	NLE
beta-BHC	5	96.04	0.0014	ND	NLE
gamma-BHC	5	96.04	0.0019	ND	0.52
delta-BHC	5	96.04	0.0019	ND	NLE
Heptachlor	5	96.04	0.0014	ND	0.15
Aldrin	5	96.04	0.0019	ND	0.04
Heptachlor Epoxide	5	96.04	0.0029	ND	NLE
Endosulfan I	5	96.04	0.0024	ND	NLE
4,4'-DDE	5	96.04	0.0019	0.003	2
Dieldrin	5	96.04	0.0024	ND	0.042
Endrin	5	96.04	0.0024	ND	17
Endosulfan II	5	96.04	0.0019	ND	NLE
4,4'-DDD	5	96.04	0.0029	0.014	3
Endrin Aldehyde	5	96.04	0.0024	ND	NLE
4,4'-DDT	5	96.04	0.0053	ND	2
Endosulfan-Sulfate	5	96.04	0.0019	ND	NLE
gamma -Chlordane	5	96.04	0.0024	ND	NLE
alpha-Chlordane	5	96.04	0.0024	ND	NLE
Toxaphene	5	96.04	0.0014	ND	0.1
Arochlor 1016	5	96.04	0.0536	ND	0.49
Arochlor 1221	5	96.04	0.0986	ND	0.49
Arochlor 1232	5	96.04	0.0670	ND	0.49
Arochlor 1242	5	96.04	0.0766	ND	0.49
Arochlor 1248	5	96.04	0.0306	ND	0.49
Arochlor 1254	5	96.04	0.0191	ND	0.49
Arochlor 1260	5	96.04	0.0172	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	152

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	91.44	0.0015	ND	NLE
beta-BHC	5	91.44	0.0015	ND	NLE
gamma-BHC	5	91.44	0.0020	ND	0.52
delta-BHC	5	91.44	0.0020	ND	NLE
Heptachlor	5	91.44	0.0015	ND	0.15
Aldrin	5	91.44	0.0020	ND	0.04
Heptachlor Epoxide	5	91.44	0.0030	ND	NLE
Endosulfan I	5	91.44	0.0025	ND	NLE
4,4'-DDE	5	91.44	0.0020	0.007	2
Dieldrin	5	91.44	0.0025	ND	0.042
Endrin	5	91.44	0.0025	ND	17
Endosulfan II	5	91.44	0.0020	ND	NLE
4,4'-DDD	5	91.44	0.0030	0.018	3
Endrin Aldehyde	5	91.44	0.0025	ND	NLE
4,4'-DDT	5	91.44	0.0055	0.013	2
Endosulfan-Sulfate	5	91.44	0.0020	ND	NLE
gamma -Chlordane	5	91.44	0.0025	ND	NLE
alpha-Chlordane	5	91.44	0.0025	ND	NLE
Toxaphene	5	91.44	0.0015	ND	0.1
Arochlor 1016	5	91.44	0.0562	ND	0.49
Arochlor 1221	5	91.44	0.1034	ND	0.49
Arochlor 1232	5	91.44	0.0703	ND	0.49
Arochlor 1242	5	91.44	0.0803	ND	0.49
Arochlor 1248	5	91.44	0.0321	ND	0.49
Arochlor 1254	5	91.44	0.0201	ND	0.49
Arochlor 1260	5	91.44	0.0181	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	153

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	84.34	0.0018	ND	NLE
beta-BHC	5	84.34	0.0018	ND	NLE
gamma-BHC	5	84.34	0.0024	ND	0.52
delta-BHC	5	84.34	0.0024	ND	NLE
Heptachlor	5	84.34	0.0018	ND	0.15
Aldrin	5	84.34	0.0024	ND	0.04
Heptachlor Epoxide	5	84.34	0.0035	ND	NLE
Endosulfan I	5	84.34	0.0029	ND	NLE
4,4'-DDE	5	84.34	0.0024	0.030	2
Dieldrin	5	84.34	0.0029	ND	0.042
Endrin	5	84.34	0.0029	ND	17
Endosulfan II	5	84.34	0.0024	ND	NLE
4,4'-DDD	5	84.34	0.0035	0.035	3
Endrin Aldehyde	5	84.34	0.0029	ND	NLE
4,4'-DDT	5	84.34	0.0065	0.122	2
Endosulfan-Sulfate	5	84.34	0.0024	ND	NLE
gamma -Chlordane	5	84.34	0.0029	ND	NLE
alpha-Chlordane	5	84.34	0.0029	ND	NLE
Toxaphene	5	84.34	0.0018	ND	0.1
Arochlor 1016	5	84.34	0.0659	ND	0.49
Arochlor 1221	5	84.34	0.1212	ND	0.49
Arochlor 1232	5	84.34	0.0823	ND	0.49
Arochlor 1242	5	84.34	0.0941	ND	0.49
Arochlor 1248	5	84.34	0.0376	ND	0.49
Arochlor 1254	5	84.34	0.0235	ND	0.49
Arochlor 1260	5	84.34	0.0212	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	154

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	89.32	0.0016	ND	NLE
beta-BHC	5	89.32	0.0016	ND	NLE
gamma-BHC	5	89.32	0.0021	ND	0.52
delta-BHC	5	89.32	0.0021	ND	NLE
Heptachlor	5	89.32	0.0016	ND	0.15
Aldrin	5	89.32	0.0021	ND	0.04
Heptachlor Epoxide	5	89.32	0.0032	ND	NLE
Endosulfan I	5	89.32	0.0027	ND	NLE
4,4'-DDE	5	89.32	0.0021	0.051	2
Dieldrin	5	89.32	0.0027	ND	0.042
Endrin	5	89.32	0.0027	ND	17
Endosulfan II	5	89.32	0.0021	ND	NLE
4,4'-DDD	5	89.32	0.0032	0.058	3
Endrin Aldehyde	5	89.32	0.0027	ND	NLE
4,4'-DDT	5	89.32	0.0058	0.127	2
Endosulfan-Sulfate	5	89.32	0.0021	ND	NLE
gamma -Chlordane	5	89.32	0.0027	0.003	NLE
alpha-Chlordane	5	89.32	0.0027	0.003	NLE
Toxaphene	5	89.32	0.0016	ND	0.1
Arochlor 1016	5	89.32	0.0594	ND	0.49
Arochlor 1221	5	89.32	0.1093	ND	0.49
Arochlor 1232	5	89.32	0.0743	ND	0.49
Arochlor 1242	5	89.32	0.0849	ND	0.49
Arochlor 1248	5	89.32	0.0340	ND	0.49
Arochlor 1254	5	89.32	0.0212	ND	0.49
Arochlor 1260	5	89.32	0.0191	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	155

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	88.80	0.0016	ND	NLE
beta-BHC	5	88.80	0.0016	ND	NLE
gamma-BHC	5	88.80	0.0022	0.004	0.52
delta-BHC	5	88.80	0.0022	ND	NLE
Heptachlor	5	88.80	0.0016	ND	0.15
Aldrin	5	88.80	0.0022	ND	0.04
Heptachlor Epoxide	5	88.80	0.0032	ND	NLE
Endosulfan I	5	88.80	0.0027	ND	NLE
4,4'-DDE	5	88.80	0.0022	0.152	2
Dieldrin	5	88.80	0.0027	ND	0.042
Endrin	5	88.80	0.0027	ND	17
Endosulfan II	5	88.80	0.0022	ND	NLE
4,4'-DDD	5	88.80	0.0032	0.056	3
Endrin Aldehyde	5	88.80	0.0027	ND	NLE
4,4'-DDT	5	88.80	0.0059	0.083	2
Endosulfan-Sulfate	5	88.80	0.0022	ND	NLE
gamma -Chlordane	5	88.80	0.0027	ND	NLE
alpha-Chlordane	5	88.80	0.0027	ND	NLE
Toxaphene	5	88.80	0.0016	ND	0.1
Arochlor 1016	5	88.80	0.0603	ND	0.49
Arochlor 1221	5	88.80	0.1110	ND	0.49
Arochlor 1232	5	88.80	0.0754	ND	0.49
Arochlor 1242	5	88.80	0.0862	ND	0.49
Arochlor 1248	5	88.80	0.0345	ND	0.49
Arochlor 1254	5	88.80	0.0216	ND	0.49
Arochlor 1260	5	88.80	0.0194	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	156

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	94.22	0.0016	ND	NLE
beta-BHC	5	94.22	0.0016	ND	NLE
gamma-BHC	5	94.22	0.0021	ND	0.52
delta-BHC	5	94.22	0.0021	ND	NLE
Heptachlor	5	94.22	0.0016	ND	0.15
Aldrin	5	94.22	0.0021	ND	0.04
Heptachlor Epoxide	5	94.22	0.0032	ND	NLE
Endosulfan I	5	94.22	0.0027	ND	NLE
4,4'-DDE	5	94.22	0.0021	0.098	2
Dieldrin	5	94.22	0.0027	ND	0.042
Endrin	5	94.22	0.0027	ND	17
Endosulfan II	5	94.22	0.0021	ND	NLE
4,4'-DDD	5	94.22	0.0032	0.116	3
Endrin Aldehyde	5	94.22	0.0027	ND	NLE
4,4'-DDT	5	94.22	0.0059	0.059	2
Endosulfan-Sulfate	5	94.22	0.0021	ND	NLE
gamma -Chlordane	5	94.22	0.0027	ND	NLE
alpha-Chlordane	5	94.22	0.0027	ND	NLE
Toxaphene	5	94.22	0.0016	ND	0.1
Arochlor 1016	5	94.22	0.0596	ND	0.49
Arochlor 1221	5	94.22	0.1096	ND	0.49
Arochlor 1232	5	94.22	0.0745	ND	0.49
Arochlor 1242	5	94.22	0.0852	ND	0.49
Arochlor 1248	5	94.22	0.0341	ND	0.49
Arochlor 1254	5	94.22	0.0213	ND	0.49
Arochlor 1260	5	94.22	0.0192	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	157

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	90.54	0.0016	ND	NLE
beta-BHC	5	90.54	0.0016	ND	NLE
gamma-BHC	5	90.54	0.0022	ND	0.52
delta-BHC	5	90.54	0.0022	ND	NLE
Heptachlor	5	90.54	0.0016	ND	0.15
Aldrin	5	90.54	0.0022	ND	0.04
Heptachlor Epoxide	5	90.54	0.0032	ND	NLE
Endosulfan I	5	90.54	0.0027	ND	NLE
4,4'-DDE	5	90.54	0.0022	0.014	2
Dieldrin	5	90.54	0.0027	ND	0.042
Endrin	5	90.54	0.0027	ND	17
Endosulfan II	5	90.54	0.0022	ND	NLE
4,4'-DDD	5	90.54	0.0032	0.024	3
Endrin Aldehyde	5	90.54	0.0027	ND	NLE
4,4'-DDT	5	90.54	0.0059	0.012	2
Endosulfan-Sulfate	5	90.54	0.0022	ND	NLE
gamma -Chlordane	5	90.54	0.0027	ND	NLE
alpha-Chlordane	5	90.54	0.0027	ND	NLE
Toxaphene	5	90.54	0.0016	ND	0.1
Arochlor 1016	5	90.54	0.0604	ND	0.49
Arochlor 1221	5	90.54	0.1111	ND	0.49
Arochlor 1232	5	90.54	0.0755	ND	0.49
Arochlor 1242	5	90.54	0.0863	ND	0.49
Arochlor 1248	5	90.54	0.0345	ND	0.49
Arochlor 1254	5	90.54	0.0216	ND	0.49
Arochlor 1260	5	90.54	0.0194	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4041.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/9/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	158

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	94.87	0.0015	ND	NLE
beta-BHC	5	94.87	0.0015	ND	NLE
gamma-BHC	5	94.87	0.0020	ND	0.52
delta-BHC	5	94.87	0.0020	ND	NLE
Heptachlor	5	94.87	0.0015	ND	0.15
Aldrin	5	94.87	0.0020	ND	0.04
Heptachlor Epoxide	5	94.87	0.0030	ND	NLE
Endosulfan I	5	94.87	0.0025	ND	NLE
4,4'-DDE	5	94.87	0.0020	0.023	2
Dieldrin	5	94.87	0.0025	ND	0.042
Endrin	5	94.87	0.0025	ND	17
Endosulfan II	5	94.87	0.0020	ND	NLE
4,4'-DDD	5	94.87	0.0030	0.052	3
Endrin Aldehyde	5	94.87	0.0025	ND	NLE
4,4'-DDT	5	94.87	0.0055	0.063	2
Endosulfan-Sulfate	5	94.87	0.0020	ND	NLE
gamma -Chlordane	5	94.87	0.0025	0.003	NLE
alpha-Chlordane	5	94.87	0.0025	ND	NLE
Toxaphene	5	94.87	0.0015	ND	0.1
Arochlor 1016	5	94.87	0.0558	ND	0.49
Arochlor 1221	5	94.87	0.1026	ND	0.49
Arochlor 1232	5	94.87	0.0697	ND	0.49
Arochlor 1242	5	94.87	0.0797	ND	0.49
Arochlor 1248	5	94.87	0.0319	ND	0.49
Arochlor 1254	5	94.87	0.0199	ND	0.49
Arochlor 1260	5	94.87	0.0179	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/12/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/16/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	159

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	5	88.38	0.0017	ND	NLE
beta-BHC	5	88.38	0.0017	ND	NLE
gamma-BHC	5	88.38	0.0022	ND	0.52
delta-BHC	5	88.38	0.0022	ND	NLE
Heptachlor	5	88.38	0.0017	ND	0.15
Aldrin	5	88.38	0.0022	ND	0.04
Heptachlor Epoxide	5	88.38	0.0033	ND	NLE
Endosulfan I	5	88.38	0.0028	ND	NLE
4,4'-DDE	5	88.38	0.0022	0.145	2
Dieldrin	5	88.38	0.0028	ND	0.042
Endrin	5	88.38	0.0028	ND	17
Endosulfan II	5	88.38	0.0022	ND	NLE
4,4'-DDD	5	88.38	0.0033	0.369	3
Endrin Aldehyde	5	88.38	0.0028	ND	NLE
4,4'-DDT	5	88.38	0.0061	0.204	2
Endosulfan-Sulfate	5	88.38	0.0022	ND	NLE
gamma -Chlordane	5	88.38	0.0028	ND	NLE
alpha-Chlordane	5	88.38	0.0028	ND	NLE
Toxaphene	5	88.38	0.0017	ND	0.1
Arochlor 1016	5	88.38	0.0618	ND	0.49
Arochlor 1221	5	88.38	0.1136	ND	0.49
Arochlor 1232	5	88.38	0.0772	ND	0.49
Arochlor 1242	5	88.38	0.0882	ND	0.49
Arochlor 1248	5	88.38	0.0353	ND	0.49
Arochlor 1254	5	88.38	0.0221	ND	0.49
Arochlor 1260	5	88.38	0.0199	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.04
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	160

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.63	0.0031	ND	NLE
beta-BHC	10	89.63	0.0031	ND	NLE
gamma-BHC	10	89.63	0.0041	ND	0.52
delta-BHC	10	89.63	0.0041	ND	NLE
Heptachlor	10	89.63	0.0031	ND	0.15
Aldrin	10	89.63	0.0041	ND	0.04
Heptachlor Epoxide	10	89.63	0.0061	ND	NLE
Endosulfan I	10	89.63	0.0051	ND	NLE
4,4'-DDE	10	89.63	0.0041	0.360	2
Dieldrin	10	89.63	0.0051	ND	0.042
Endrin	10	89.63	0.0051	ND	17
Endosulfan II	10	89.63	0.0041	ND	NLE
4,4'-DDD	10	89.63	0.0061	0.042	3
Endrin Aldehyde	10	89.63	0.0051	ND	NLE
4,4'-DDT	10	89.63	0.0112	0.106	2
Endosulfan-Sulfate	10	89.63	0.0041	ND	NLE
gamma -Chlordane	10	89.63	0.0051	ND	NLE
alpha-Chlordane	10	89.63	0.0051	ND	NLE
Toxaphene	10	89.63	0.0031	ND	0.1
Arochlor 1016	10	89.63	0.1141	ND	0.49
Arochlor 1221	10	89.63	0.2099	ND	0.49
Arochlor 1232	10	89.63	0.1426	ND	0.49
Arochlor 1242	10	89.63	0.1630	ND	0.49
Arochlor 1248	10	89.63	0.0652	ND	0.49
Arochlor 1254	10	89.63	0.0408	ND	0.49
Arochlor 1260	10	89.63	0.0367	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.06
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	161

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	90.83	0.0033	ND	NLE
beta-BHC	10	90.83	0.0033	ND	NLE
gamma-BHC	10	90.83	0.0044	ND	0.52
delta-BHC	10	90.83	0.0044	ND	NLE
Heptachlor	10	90.83	0.0033	ND	0.15
Aldrin	10	90.83	0.0044	ND	0.04
Heptachlor Epoxide	10	90.83	0.0066	ND	NLE
Endosulfan I	10	90.83	0.0055	ND	NLE
4,4'-DDE	10	90.83	0.0044	0.178	2
Dieldrin	10	90.83	0.0055	ND	0.042
Endrin	10	90.83	0.0055	ND	17
Endosulfan II	10	90.83	0.0044	ND	NLE
4,4'-DDD	10	90.83	0.0066	0.456	3
Endrin Aldehyde	10	90.83	0.0055	ND	NLE
4,4'-DDT	10	90.83	0.0120	0.423	2
Endosulfan-Sulfate	10	90.83	0.0044	ND	NLE
gamma -Chlordane	10	90.83	0.0055	0.019	NLE
alpha-Chlordane	10	90.83	0.0055	0.037	NLE
Toxaphene	10	90.83	0.0033	ND	0.1
Arochlor 1016	10	90.83	0.1226	ND	0.49
Arochlor 1221	10	90.83	0.2254	ND	0.49
Arochlor 1232	10	90.83	0.1532	ND	0.49
Arochlor 1242	10	90.83	0.1751	ND	0.49
Arochlor 1248	10	90.83	0.0700	ND	0.49
Arochlor 1254	10	90.83	0.0438	ND	0.49
Arochlor 1260	10	90.83	0.0394	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.08
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	162

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	86.69	0.0032	ND	NLE
beta-BHC	10	86.69	0.0032	ND	NLE
gamma-BHC	10	86.69	0.0043	ND	0.52
delta-BHC	10	86.69	0.0043	ND	NLE
Heptachlor	10	86.69	0.0032	ND	0.15
Aldrin	10	86.69	0.0043	ND	0.04
Heptachlor Epoxide	10	86.69	0.0064	ND	NLE
Endosulfan I	10	86.69	0.0053	ND	NLE
4,4'-DDE	10	86.69	0.0043	0.093	2
Dieldrin	10	86.69	0.0053	ND	0.042
Endrin	10	86.69	0.0053	ND	17
Endosulfan II	10	86.69	0.0043	ND	NLE
4,4'-DDD	10	86.69	0.0064	0.044	3
Endrin Aldehyde	10	86.69	0.0053	ND	NLE
4,4'-DDT	10	86.69	0.0117	0.053	2
Endosulfan-Sulfate	10	86.69	0.0043	ND	NLE
gamma -Chlordane	10	86.69	0.0053	ND	NLE
alpha-Chlordane	10	86.69	0.0053	0.010	NLE
Toxaphene	10	86.69	0.0032	ND	0.1
Arochlor 1016	10	86.69	0.1195	ND	0.49
Arochlor 1221	10	86.69	0.2198	ND	0.49
Arochlor 1232	10	86.69	0.1494	ND	0.49
Arochlor 1242	10	86.69	0.1707	ND	0.49
Arochlor 1248	10	86.69	0.0683	ND	0.49
Arochlor 1254	10	86.69	0.0427	ND	0.49
Arochlor 1260	10	86.69	0.0384	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	163

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	88.23	0.0033	ND	NLE
beta-BHC	10	88.23	0.0033	ND	NLE
gamma-BHC	10	88.23	0.0044	0.012	0.52
delta-BHC	10	88.23	0.0044	ND	NLE
Heptachlor	10	88.23	0.0033	ND	0.15
Aldrin	10	88.23	0.0044	ND	0.04
Heptachlor Epoxide	10	88.23	0.0065	ND	NLE
Endosulfan I	10	88.23	0.0054	ND	NLE
4,4'-DDE	10	88.23	0.0044	0.348	2
Dieldrin	10	88.23	0.0054	ND	0.042
Endrin	10	88.23	0.0054	ND	17
Endosulfan II	10	88.23	0.0044	ND	NLE
4,4'-DDD	10	88.23	0.0065	0.076	3
Endrin Aldehyde	10	88.23	0.0054	ND	NLE
4,4'-DDT	10	88.23	0.0120	0.487	2
Endosulfan-Sulfate	10	88.23	0.0044	ND	NLE
gamma -Chlordane	10	88.23	0.0054	0.030	NLE
alpha-Chlordane	10	88.23	0.0054	0.037	NLE
Toxaphene	10	88.23	0.0033	ND	0.1
Arochlor 1016	10	88.23	0.1218	ND	0.49
Arochlor 1221	10	88.23	0.2241	ND	0.49
Arochlor 1232	10	88.23	0.1523	ND	0.49
Arochlor 1242	10	88.23	0.1740	ND	0.49
Arochlor 1248	10	88.23	0.0696	ND	0.49
Arochlor 1254	10	88.23	0.0435	ND	0.49
Arochlor 1260	10	88.23	0.0392	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	164

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.16	0.0032	ND	NLE
beta-BHC	10	89.16	0.0032	ND	NLE
gamma-BHC	10	89.16	0.0042	ND	0.52
delta-BHC	10	89.16	0.0042	ND	NLE
Heptachlor	10	89.16	0.0032	ND	0.15
Aldrin	10	89.16	0.0042	ND	0.04
Heptachlor Epoxide	10	89.16	0.0064	ND	NLE
Endosulfan I	10	89.16	0.0053	ND	NLE
4,4'-DDE	10	89.16	0.0042	0.017	2
Dieldrin	10	89.16	0.0053	ND	0.042
Endrin	10	89.16	0.0053	ND	17
Endosulfan II	10	89.16	0.0042	ND	NLE
4,4'-DDD	10	89.16	0.0064	0.019	3
Endrin Aldehyde	10	89.16	0.0053	ND	NLE
4,4'-DDT	10	89.16	0.0117	0.014	2
Endosulfan-Sulfate	10	89.16	0.0042	ND	NLE
gamma -Chlordane	10	89.16	0.0053	ND	NLE
alpha-Chlordane	10	89.16	0.0053	ND	NLE
Toxaphene	10	89.16	0.0032	ND	0.1
Arochlor 1016	10	89.16	0.1187	ND	0.49
Arochlor 1221	10	89.16	0.2184	ND	0.49
Arochlor 1232	10	89.16	0.1484	ND	0.49
Arochlor 1242	10	89.16	0.1696	ND	0.49
Arochlor 1248	10	89.16	0.0678	ND	0.49
Arochlor 1254	10	89.16	0.0424	ND	0.49
Arochlor 1260	10	89.16	0.0382	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	165

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	92.15	0.0031	ND	NLE
beta-BHC	10	92.15	0.0031	ND	NLE
gamma-BHC	10	92.15	0.0041	ND	0.52
delta-BHC	10	92.15	0.0041	ND	NLE
Heptachlor	10	92.15	0.0031	ND	0.15
Aldrin	10	92.15	0.0041	ND	0.04
Heptachlor Epoxide	10	92.15	0.0062	ND	NLE
Endosulfan I	10	92.15	0.0052	ND	NLE
4,4'-DDE	10	92.15	0.0041	0.021	2
Dieldrin	10	92.15	0.0052	ND	0.042
Endrin	10	92.15	0.0052	ND	17
Endosulfan II	10	92.15	0.0041	ND	NLE
4,4'-DDD	10	92.15	0.0062	0.039	3
Endrin Aldehyde	10	92.15	0.0052	ND	NLE
4,4'-DDT	10	92.15	0.0113	0.018	2
Endosulfan-Sulfate	10	92.15	0.0041	ND	NLE
gamma -Chlordane	10	92.15	0.0052	ND	NLE
alpha-Chlordane	10	92.15	0.0052	ND	NLE
Toxaphene	10	92.15	0.0031	ND	0.1
Arochlor 1016	10	92.15	0.1154	ND	0.49
Arochlor 1221	10	92.15	0.2123	ND	0.49
Arochlor 1232	10	92.15	0.1443	ND	0.49
Arochlor 1242	10	92.15	0.1649	ND	0.49
Arochlor 1248	10	92.15	0.0660	ND	0.49
Arochlor 1254	10	92.15	0.0412	ND	0.49
Arochlor 1260	10	92.15	0.0371	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	166

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	94.28	0.0032	ND	NLE
beta-BHC	10	94.28	0.0032	ND	NLE
gamma-BHC	10	94.28	0.0042	ND	0.52
delta-BHC	10	94.28	0.0042	ND	NLE
Heptachlor	10	94.28	0.0032	ND	0.15
Aldrin	10	94.28	0.0042	ND	0.04
Heptachlor Epoxide	10	94.28	0.0063	ND	NLE
Endosulfan I	10	94.28	0.0053	ND	NLE
4,4'-DDE	10	94.28	0.0042	0.020	2
Dieldrin	10	94.28	0.0053	ND	0.042
Endrin	10	94.28	0.0053	ND	17
Endosulfan II	10	94.28	0.0042	ND	NLE
4,4'-DDD	10	94.28	0.0063	0.071	3
Endrin Aldehyde	10	94.28	0.0053	ND	NLE
4,4'-DDT	10	94.28	0.0116	0.053	2
Endosulfan-Sulfate	10	94.28	0.0042	ND	NLE
gamma -Chlordane	10	94.28	0.0053	ND	NLE
alpha-Chlordane	10	94.28	0.0053	ND	NLE
Toxaphene	10	94.28	0.0032	ND	0.1
Arochlor 1016	10	94.28	0.1181	ND	0.49
Arochlor 1221	10	94.28	0.2172	ND	0.49
Arochlor 1232	10	94.28	0.1476	ND	0.49
Arochlor 1242	10	94.28	0.1687	ND	0.49
Arochlor 1248	10	94.28	0.0675	ND	0.49
Arochlor 1254	10	94.28	0.0422	ND	0.49
Arochlor 1260	10	94.28	0.0380	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	167

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	73.04	0.0038	ND	NLE
beta-BHC	10	73.04	0.0038	ND	NLE
gamma-BHC	10	73.04	0.0050	ND	0.52
delta-BHC	10	73.04	0.0050	ND	NLE
Heptachlor	10	73.04	0.0038	ND	0.15
Aldrin	10	73.04	0.0050	ND	0.04
Heptachlor Epoxide	10	73.04	0.0076	ND	NLE
Endosulfan I	10	73.04	0.0063	ND	NLE
4,4'-DDE	10	73.04	0.0050	0.026	2
Dieldrin	10	73.04	0.0063	ND	0.042
Endrin	10	73.04	0.0063	ND	17
Endosulfan II	10	73.04	0.0050	ND	NLE
4,4'-DDD	10	73.04	0.0076	0.191	3
Endrin Aldehyde	10	73.04	0.0063	ND	NLE
4,4'-DDT	10	73.04	0.0139	0.044	2
Endosulfan-Sulfate	10	73.04	0.0050	ND	NLE
gamma -Chlordane	10	73.04	0.0063	0.010	NLE
alpha-Chlordane	10	73.04	0.0063	0.014	NLE
Toxaphene	10	73.04	0.0038	ND	0.1
Arochlor 1016	10	73.04	0.1411	ND	0.49
Arochlor 1221	10	73.04	0.2595	ND	0.49
Arochlor 1232	10	73.04	0.1763	ND	0.49
Arochlor 1242	10	73.04	0.2015	ND	0.49
Arochlor 1248	10	73.04	0.0806	ND	0.49
Arochlor 1254	10	73.04	0.0504	ND	0.49
Arochlor 1260	10	73.04	0.0453	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	168

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	88.61	0.0033	ND	NLE
beta-BHC	10	88.61	0.0033	ND	NLE
gamma-BHC	10	88.61	0.0043	ND	0.52
delta-BHC	10	88.61	0.0043	ND	NLE
Heptachlor	10	88.61	0.0033	ND	0.15
Aldrin	10	88.61	0.0043	ND	0.04
Heptachlor Epoxide	10	88.61	0.0065	ND	NLE
Endosulfan I	10	88.61	0.0054	ND	NLE
4,4'-DDE	10	88.61	0.0043	0.005	2
Dieldrin	10	88.61	0.0054	ND	0.042
Endrin	10	88.61	0.0054	ND	17
Endosulfan II	10	88.61	0.0043	ND	NLE
4,4'-DDD	10	88.61	0.0065	ND	3
Endrin Aldehyde	10	88.61	0.0054	ND	NLE
4,4'-DDT	10	88.61	0.0119	ND	2
Endosulfan-Sulfate	10	88.61	0.0043	ND	NLE
gamma -Chlordane	10	88.61	0.0054	ND	NLE
alpha-Chlordane	10	88.61	0.0054	ND	NLE
Toxaphene	10	88.61	0.0033	ND	0.1
Arochlor 1016	10	88.61	0.1217	ND	0.49
Arochlor 1221	10	88.61	0.2238	ND	0.49
Arochlor 1232	10	88.61	0.1521	ND	0.49
Arochlor 1242	10	88.61	0.1738	ND	0.49
Arochlor 1248	10	88.61	0.0695	ND	0.49
Arochlor 1254	10	88.61	0.0434	ND	0.49
Arochlor 1260	10	88.61	0.0391	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	169

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	91.31	0.0032	ND	NLE
beta-BHC	10	91.31	0.0032	ND	NLE
gamma-BHC	10	91.31	0.0042	ND	0.52
delta-BHC	10	91.31	0.0042	ND	NLE
Heptachlor	10	91.31	0.0032	ND	0.15
Aldrin	10	91.31	0.0042	ND	0.04
Heptachlor Epoxide	10	91.31	0.0063	ND	NLE
Endosulfan I	10	91.31	0.0053	ND	NLE
4,4'-DDE	10	91.31	0.0042	0.010	2
Dieldrin	10	91.31	0.0053	ND	0.042
Endrin	10	91.31	0.0053	ND	17
Endosulfan II	10	91.31	0.0042	ND	NLE
4,4'-DDD	10	91.31	0.0063	ND	3
Endrin Aldehyde	10	91.31	0.0053	ND	NLE
4,4'-DDT	10	91.31	0.0116	ND	2
Endosulfan-Sulfate	10	91.31	0.0042	ND	NLE
gamma -Chlordane	10	91.31	0.0053	ND	NLE
alpha-Chlordane	10	91.31	0.0053	ND	NLE
Toxaphene	10	91.31	0.0032	ND	0.1
Arochlor 1016	10	91.31	0.1181	ND	0.49
Arochlor 1221	10	91.31	0.2171	ND	0.49
Arochlor 1232	10	91.31	0.1476	ND	0.49
Arochlor 1242	10	91.31	0.1686	ND	0.49
Arochlor 1248	10	91.31	0.0675	ND	0.49
Arochlor 1254	10	91.31	0.0422	ND	0.49
Arochlor 1260	10	91.31	0.0379	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	170

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.91	0.0032	ND	NLE
beta-BHC	10	89.91	0.0032	ND	NLE
gamma-BHC	10	89.91	0.0043	ND	0.52
delta-BHC	10	89.91	0.0043	ND	NLE
Heptachlor	10	89.91	0.0032	ND	0.15
Aldrin	10	89.91	0.0043	ND	0.04
Heptachlor Epoxide	10	89.91	0.0064	ND	NLE
Endosulfan I	10	89.91	0.0054	ND	NLE
4,4'-DDE	10	89.91	0.0043	0.083	2
Dieldrin	10	89.91	0.0054	ND	0.042
Endrin	10	89.91	0.0054	ND	17
Endosulfan II	10	89.91	0.0043	ND	NLE
4,4'-DDD	10	89.91	0.0064	0.029	3
Endrin Aldehyde	10	89.91	0.0054	ND	NLE
4,4'-DDT	10	89.91	0.0118	0.061	2
Endosulfan-Sulfate	10	89.91	0.0043	ND	NLE
gamma -Chlordane	10	89.91	0.0054	ND	NLE
alpha-Chlordane	10	89.91	0.0054	ND	NLE
Toxaphene	10	89.91	0.0032	ND	0.1
Arochlor 1016	10	89.91	0.1199	ND	0.49
Arochlor 1221	10	89.91	0.2205	ND	0.49
Arochlor 1232	10	89.91	0.1499	ND	0.49
Arochlor 1242	10	89.91	0.1713	ND	0.49
Arochlor 1248	10	89.91	0.0685	ND	0.49
Arochlor 1254	10	89.91	0.0428	ND	0.49
Arochlor 1260	10	89.91	0.0385	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4046.26 11/10/98 11/15/98 12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	171

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	96.40	0.0031	ND	NLE
beta-BHC	10	96.40	0.0031	ND	NLE
gamma-BHC	10	96.40	0.0041	ND	0.52
delta-BHC	10	96.40	0.0041	ND	NLE
Heptachlor	10	96.40	0.0031	ND	0.15
Aldrin	10	96.40	0.0041	ND	0.04
Heptachlor Epoxide	10	96.40	0.0062	ND	NLE
Endosulfan I	10	96.40	0.0051	ND	NLE
4,4'-DDE	10	96.40	0.0041	0.040	2
Dieldrin	10	96.40	0.0051	ND	0.042
Endrin	10	96.40	0.0051	ND	17
Endosulfan II	10	96.40	0.0041	ND	NLE
4,4'-DDD	10	96.40	0.0062	0.092	3
Endrin Aldehyde	10	96.40	0.0051	ND	NLE
4,4'-DDT	10	96.40	0.0113	0.048	2
Endosulfan-Sulfate	10	96.40	0.0041	ND	NLE
gamma -Chlordane	10	96.40	0.0051	ND	NLE
alpha-Chlordane	10	96.40	0.0051	ND	NLE
Toxaphene	10	96.40	0.0031	ND	0.1
Arochlor 1016	10	96.40	0.1150	ND	0.49
Arochlor 1221	10	96.40	0.2116	ND	0.49
Arochlor 1232	10	96.40	0.1438	ND	0.49
Arochlor 1242	10	96.40	0.1643	ND	0.49
Arochlor 1248	10	96.40	0.0657	ND	0.49
Arochlor 1254	10	96.40	0.0411	ND	0.49
Arochlor 1260	10	96.40	0.0370	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	172

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	88.26	0.0034	ND	NLE
beta-BHC	10	88.26	0.0034	ND	NLE
gamma-BHC	10	88.26	0.0045	ND	0.52
delta-BHC	10	88.26	0.0045	ND	NLE
Heptachlor	10	88.26	0.0034	ND	0.15
Aldrin	10	88.26	0.0045	ND	0.04
Heptachlor Epoxide	10	88.26	0.0068	ND	NLE
Endosulfan I	10	88.26	0.0057	ND	NLE
4,4'-DDE	10	88.26	0.0045	0.136	2
Dieldrin	10	88.26	0.0057	ND	0.042
Endrin	10	88.26	0.0057	ND	17
Endosulfan II	10	88.26	0.0045	ND	NLE
4,4'-DDD	10	88.26	0.0068	0.063	3
Endrin Aldehyde	10	88.26	0.0057	ND	NLE
4,4'-DDT	10	88.26	0.0125	0.123	2
Endosulfan-Sulfate	10	88.26	0.0045	ND	NLE
gamma -Chlordane	10	88.26	0.0057	ND	NLE
alpha-Chlordane	10	88.26	0.0057	ND	NLE
Toxaphene	10	88.26	0.0034	ND	0.1
Arochlor 1016	10	88.26	0.1272	ND	0.49
Arochlor 1221	10	88.26	0.2339	ND	0.49
Arochlor 1232	10	88.26	0.1589	ND	0.49
Arochlor 1242	10	88.26	0.1816	ND	0.49
Arochlor 1248	10	88.26	0.0727	ND	0.49
Arochlor 1254	10	88.26	0.0454	ND	0.49
Arochlor 1260	10	88.26	0.0409	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4046.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/10/98
	Bldg. 173	**Extraction Date:**	11/15/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	173

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	78.43	0.0036	ND	NLE
beta-BHC	10	78.43	0.0036	ND	NLE
gamma-BHC	10	78.43	0.0049	ND	0.52
delta-BHC	10	78.43	0.0049	ND	NLE
Heptachlor	10	78.43	0.0036	ND	0.15
Aldrin	10	78.43	0.0049	ND	0.04
Heptachlor Epoxide	10	78.43	0.0073	ND	NLE
Endosulfan I	10	78.43	0.0061	ND	NLE
4,4'-DDE	10	78.43	0.0049	0.039	2
Dieldrin	10	78.43	0.0061	ND	0.042
Endrin	10	78.43	0.0061	ND	17
Endosulfan II	10	78.43	0.0049	ND	NLE
4,4'-DDD	10	78.43	0.0073	0.092	3
Endrin Aldehyde	10	78.43	0.0061	ND	NLE
4,4'-DDT	10	78.43	0.0133	0.024	2
Endosulfan-Sulfate	10	78.43	0.0049	ND	NLE
gamma -Chlordane	10	78.43	0.0061	ND	NLE
alpha-Chlordane	10	78.43	0.0061	ND	NLE
Toxaphene	10	78.43	0.0036	ND	0.1
Arochlor 1016	10	78.43	0.1359	ND	0.49
Arochlor 1221	10	78.43	0.2499	ND	0.49
Arochlor 1232	10	78.43	0.1698	ND	0.49
Arochlor 1242	10	78.43	0.1941	ND	0.49
Arochlor 1248	10	78.43	0.0776	ND	0.49
Arochlor 1254	10	78.43	0.0485	ND	0.49
Arochlor 1260	10	78.43	0.0437	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	175

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	87.62	0.0033	ND	NLE
beta-BHC	10	87.62	0.0033	ND	NLE
gamma-BHC	10	87.62	0.0044	0.144	0.52
delta-BHC	10	87.62	0.0044	ND	NLE
Heptachlor	10	87.62	0.0033	ND	0.15
Aldrin	10	87.62	0.0044	ND	0.04
Heptachlor Epoxide	10	87.62	0.0067	ND	NLE
Endosulfan I	10	87.62	0.0056	ND	NLE
4,4'-DDE	10	87.62	0.0044	0.132	2
Dieldrin	10	87.62	0.0056	ND	0.042
Endrin	10	87.62	0.0056	ND	17
Endosulfan II	10	87.62	0.0044	ND	NLE
4,4'-DDD	10	87.62	0.0067	0.183	3
Endrin Aldehyde	10	87.62	0.0056	ND	NLE
4,4'-DDT	10	87.62	0.0122	0.471	2
Endosulfan-Sulfate	10	87.62	0.0044	ND	NLE
gamma -Chlordane	10	87.62	0.0056	0.007	NLE
alpha-Chlordane	10	87.62	0.0056	0.012	NLE
Toxaphene	10	87.62	0.0033	ND	0.1
Arochlor 1016	10	87.62	0.1246	ND	0.49
Arochlor 1221	10	87.62	0.2291	ND	0.49
Arochlor 1232	10	87.62	0.1557	ND	0.49
Arochlor 1242	10	87.62	0.1780	ND	0.49
Arochlor 1248	10	87.62	0.0712	ND	0.49
Arochlor 1254	10	87.62	0.0445	ND	0.49
Arochlor 1260	10	87.62	0.0400	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4058.04 11/16/98 11/18/98 12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	176

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	87.91	0.0032	ND	NLE
beta-BHC	10	87.91	0.0032	ND	NLE
gamma-BHC	10	87.91	0.0043	ND	0.52
delta-BHC	10	87.91	0.0043	ND	NLE
Heptachlor	10	87.91	0.0032	ND	0.15
Aldrin	10	87.91	0.0043	ND	0.04
Heptachlor Epoxide	10	87.91	0.0064	ND	NLE
Endosulfan I	10	87.91	0.0054	ND	NLE
4,4'-DDE	10	87.91	0.0043	0.006	2
Dieldrin	10	87.91	0.0054	ND	0.042
Endrin	10	87.91	0.0054	ND	17
Endosulfan II	10	87.91	0.0043	ND	NLE
4,4'-DDD	10	87.91	0.0064	ND	3
Endrin Aldehyde	10	87.91	0.0054	ND	NLE
4,4'-DDT	10	87.91	0.0118	ND	2
Endosulfan-Sulfate	10	87.91	0.0043	ND	NLE
gamma -Chlordane	10	87.91	0.0054	ND	NLE
alpha-Chlordane	10	87.91	0.0054	ND	NLE
Toxaphene	10	87.91	0.0032	ND	0.1
Arochlor 1016	10	87.91	0.1203	ND	0.49
Arochlor 1221	10	87.91	0.2213	ND	0.49
Arochlor 1232	10	87.91	0.1504	ND	0.49
Arochlor 1242	10	87.91	0.1719	ND	0.49
Arochlor 1248	10	87.91	0.0687	ND	0.49
Arochlor 1254	10	87.91	0.0430	ND	0.49
Arochlor 1260	10	87.91	0.0387	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4058.06 11/16/98 11/18/98 12/23/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	177

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	86.23	0.0036	ND	NLE
beta-BHC	10	86.23	0.0036	ND	NLE
gamma-BHC	10	86.23	0.0047	ND	0.52
delta-BHC	10	86.23	0.0047	ND	NLE
Heptachlor	10	86.23	0.0036	ND	0.15
Aldrin	10	86.23	0.0047	ND	0.04
Heptachlor Epoxide	10	86.23	0.0071	ND	NLE
Endosulfan I	10	86.23	0.0059	ND	NLE
4,4'-DDE	10	86.23	0.0047	0.012	2
Dieldrin	10	86.23	0.0059	ND	0.042
Endrin	10	86.23	0.0059	ND	17
Endosulfan II	10	86.23	0.0047	ND	NLE
4,4'-DDD	10	86.23	0.0071	0.102	3
Endrin Aldehyde	10	86.23	0.0059	ND	NLE
4,4'-DDT	10	86.23	0.0130	ND	2
Endosulfan-Sulfate	10	86.23	0.0047	ND	NLE
gamma -Chlordane	10	86.23	0.0059	ND	NLE
alpha-Chlordane	10	86.23	0.0059	ND	NLE
Toxaphene	10	86.23	0.0036	ND	0.1
Arochlor 1016	10	86.23	0.1328	ND	0.49
Arochlor 1221	10	86.23	0.2443	ND	0.49
Arochlor 1232	10	86.23	0.1660	ND	0.49
Arochlor 1242	10	86.23	0.1897	ND	0.49
Arochlor 1248	10	86.23	0.0759	ND	0.49
Arochlor 1254	10	86.23	0.0474	ND	0.49
Arochlor 1260	10	86.23	0.0427	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4058.08 11/16/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	178

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	92.40	0.0031	ND	NLE
beta-BHC	10	92.40	0.0031	ND	NLE
gamma-BHC	10	92.40	0.0041	ND	0.52
delta-BHC	10	92.40	0.0041	ND	NLE
Heptachlor	10	92.40	0.0031	ND	0.15
Aldrin	10	92.40	0.0041	ND	0.04
Heptachlor Epoxide	10	92.40	0.0061	ND	NLE
Endosulfan I	10	92.40	0.0051	ND	NLE
4,4'-DDE	10	92.40	0.0041	0.009	2
Dieldrin	10	92.40	0.0051	ND	0.042
Endrin	10	92.40	0.0051	ND	17
Endosulfan II	10	92.40	0.0041	ND	NLE
4,4'-DDD	10	92.40	0.0061	0.069	3
Endrin Aldehyde	10	92.40	0.0051	ND	NLE
4,4'-DDT	10	92.40	0.0112	0.014	2
Endosulfan-Sulfate	10	92.40	0.0041	ND	NLE
gamma -Chlordane	10	92.40	0.0051	ND	NLE
alpha-Chlordane	10	92.40	0.0051	ND	NLE
Toxaphene	10	92.40	0.0031	ND	0.1
Arochlor 1016	10	92.40	0.1139	ND	0.49
Arochlor 1221	10	92.40	0.2095	ND	0.49
Arochlor 1232	10	92.40	0.1424	ND	0.49
Arochlor 1242	10	92.40	0.1627	ND	0.49
Arochlor 1248	10	92.40	0.0651	ND	0.49
Arochlor 1254	10	92.40	0.0407	ND	0.49
Arochlor 1260	10	92.40	0.0366	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.10
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	179

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	87.07	0.0034	ND	NLE
beta-BHC	10	87.07	0.0034	ND	NLE
gamma-BHC	10	87.07	0.0045	ND	0.52
delta-BHC	10	87.07	0.0045	ND	NLE
Heptachlor	10	87.07	0.0034	ND	0.15
Aldrin	10	87.07	0.0045	ND	0.04
Heptachlor Epoxide	10	87.07	0.0067	ND	NLE
Endosulfan I	10	87.07	0.0056	ND	NLE
4,4'-DDE	10	87.07	0.0045	0.082	2
Dieldrin	10	87.07	0.0056	ND	0.042
Endrin	10	87.07	0.0056	ND	17
Endosulfan II	10	87.07	0.0045	ND	NLE
4,4'-DDD	10	87.07	0.0067	0.103	3
Endrin Aldehyde	10	87.07	0.0056	ND	NLE
4,4'-DDT	10	87.07	0.0123	0.156	2
Endosulfan-Sulfate	10	87.07	0.0045	ND	NLE
gamma -Chlordane	10	87.07	0.0056	ND	NLE
alpha-Chlordane	10	87.07	0.0056	ND	NLE
Toxaphene	10	87.07	0.0034	ND	0.1
Arochlor 1016	10	87.07	0.1255	ND	0.49
Arochlor 1221	10	87.07	0.2308	ND	0.49
Arochlor 1232	10	87.07	0.1569	ND	0.49
Arochlor 1242	10	87.07	0.1793	ND	0.49
Arochlor 1248	10	87.07	0.0717	ND	0.49
Arochlor 1254	10	87.07	0.0448	ND	0.49
Arochlor 1260	10	87.07	0.0403	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.12
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	180

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	81.24	0.0036	ND	NLE
beta-BHC	10	81.24	0.0036	ND	NLE
gamma-BHC	10	81.24	0.0048	ND	0.52
delta-BHC	10	81.24	0.0048	ND	NLE
Heptachlor	10	81.24	0.0036	ND	0.15
Aldrin	10	81.24	0.0048	ND	0.04
Heptachlor Epoxide	10	81.24	0.0072	ND	NLE
Endosulfan I	10	81.24	0.0060	ND	NLE
4,4'-DDE	10	81.24	0.0048	0.134	2
Dieldrin	10	81.24	0.0060	ND	0.042
Endrin	10	81.24	0.0060	ND	17
Endosulfan II	10	81.24	0.0048	ND	NLE
4,4'-DDD	10	81.24	0.0072	0.072	3
Endrin Aldehyde	10	81.24	0.0060	ND	NLE
4,4'-DDT	10	81.24	0.0132	0.158	2
Endosulfan-Sulfate	10	81.24	0.0048	ND	NLE
gamma -Chlordane	10	81.24	0.0060	ND	NLE
alpha-Chlordane	10	81.24	0.0060	ND	NLE
Toxaphene	10	81.24	0.0036	ND	0.1
Arochlor 1016	10	81.24	0.1340	ND	0.49
Arochlor 1221	10	81.24	0.2464	ND	0.49
Arochlor 1232	10	81.24	0.1675	ND	0.49
Arochlor 1242	10	81.24	0.1914	ND	0.49
Arochlor 1248	10	81.24	0.0766	ND	0.49
Arochlor 1254	10	81.24	0.0478	ND	0.49
Arochlor 1260	10	81.24	0.0431	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	181

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	90.09	0.0033	ND	NLE
beta-BHC	10	90.09	0.0033	ND	NLE
gamma-BHC	10	90.09	0.0044	ND	0.52
delta-BHC	10	90.09	0.0044	ND	NLE
Heptachlor	10	90.09	0.0033	ND	0.15
Aldrin	10	90.09	0.0044	ND	0.04
Heptachlor Epoxide	10	90.09	0.0066	ND	NLE
Endosulfan I	10	90.09	0.0055	ND	NLE
4,4'-DDE	10	90.09	0.0044	0.078	2
Dieldrin	10	90.09	0.0055	ND	0.042
Endrin	10	90.09	0.0055	ND	17
Endosulfan II	10	90.09	0.0044	ND	NLE
4,4'-DDD	10	90.09	0.0066	0.108	3
Endrin Aldehyde	10	90.09	0.0055	ND	NLE
4,4'-DDT	10	90.09	0.0121	0.112	2
Endosulfan-Sulfate	10	90.09	0.0044	ND	NLE
gamma -Chlordane	10	90.09	0.0055	ND	NLE
alpha-Chlordane	10	90.09	0.0055	ND	NLE
Toxaphene	10	90.09	0.0033	ND	0.1
Arochlor 1016	10	90.09	0.1228	ND	0.49
Arochlor 1221	10	90.09	0.2259	ND	0.49
Arochlor 1232	10	90.09	0.1536	ND	0.49
Arochlor 1242	10	90.09	0.1755	ND	0.49
Arochlor 1248	10	90.09	0.0702	ND	0.49
Arochlor 1254	10	90.09	0.0439	ND	0.49
Arochlor 1260	10	90.09	0.0395	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	182

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	94.83	0.0031	ND	NLE
beta-BHC	10	94.83	0.0031	ND	NLE
gamma-BHC	10	94.83	0.0042	ND	0.52
delta-BHC	10	94.83	0.0042	ND	NLE
Heptachlor	10	94.83	0.0031	ND	0.15
Aldrin	10	94.83	0.0042	ND	0.04
Heptachlor Epoxide	10	94.83	0.0062	ND	NLE
Endosulfan I	10	94.83	0.0052	ND	NLE
4,4'-DDE	20	94.83	0.0083	0.554	2
Dieldrin	10	94.83	0.0052	0.016	0.042
Endrin	10	94.83	0.0052	ND	17
Endosulfan II	10	94.83	0.0042	ND	NLE
4,4'-DDD	10	94.83	0.0062	0.506	3
Endrin Aldehyde	10	94.83	0.0052	ND	NLE
4,4'-DDT	20	94.83	0.0229	0.677	2
Endosulfan-Sulfate	10	94.83	0.0042	ND	NLE
gamma -Chlordane	10	94.83	0.0052	0.044	NLE
alpha-Chlordane	10	94.83	0.0052	0.043	NLE
Toxaphene	10	94.83	0.0031	ND	0.1
Arochlor 1016	10	94.83	0.1164	ND	0.49
Arochlor 1221	10	94.83	0.2140	ND	0.49
Arochlor 1232	10	94.83	0.1455	ND	0.49
Arochlor 1242	10	94.83	0.1662	ND	0.49
Arochlor 1248	10	94.83	0.0665	ND	0.49
Arochlor 1254	10	94.83	0.0416	ND	0.49
Arochlor 1260	10	94.83	0.0374	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.18
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	183

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	85.74	0.0035	ND	NLE
beta-BHC	10	85.74	0.0035	ND	NLE
gamma-BHC	10	85.74	0.0046	ND	0.52
delta-BHC	10	85.74	0.0046	ND	NLE
Heptachlor	10	85.74	0.0035	ND	0.15
Aldrin	10	85.74	0.0046	ND	0.04
Heptachlor Epoxide	10	85.74	0.0070	ND	NLE
Endosulfan I	10	85.74	0.0058	ND	NLE
4,4'-DDE	10	85.74	0.0046	0.009	2
Dieldrin	10	85.74	0.0058	ND	0.042
Endrin	10	85.74	0.0058	ND	17
Endosulfan II	10	85.74	0.0046	ND	NLE
4,4'-DDD	10	85.74	0.0070	0.010	3
Endrin Aldehyde	10	85.74	0.0058	ND	NLE
4,4'-DDT	10	85.74	0.0128	ND	2
Endosulfan-Sulfate	10	85.74	0.0046	ND	NLE
gamma -Chlordane	10	85.74	0.0058	ND	NLE
alpha-Chlordane	10	85.74	0.0058	ND	NLE
Toxaphene	10	85.74	0.0035	ND	0.1
Arochlor 1016	10	85.74	0.1298	ND	0.49
Arochlor 1221	10	85.74	0.2388	ND	0.49
Arochlor 1232	10	85.74	0.1623	ND	0.49
Arochlor 1242	10	85.74	0.1855	ND	0.49
Arochlor 1248	10	85.74	0.0742	ND	0.49
Arochlor 1254	10	85.74	0.0464	ND	0.49
Arochlor 1260	10	85.74	0.0417	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	184

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.82	0.0033	ND	NLE
beta-BHC	10	89.82	0.0033	ND	NLE
gamma-BHC	10	89.82	0.0044	ND	0.52
delta-BHC	10	89.82	0.0044	ND	NLE
Heptachlor	10	89.82	0.0033	ND	0.15
Aldrin	10	89.82	0.0044	ND	0.04
Heptachlor Epoxide	10	89.82	0.0067	0.007	NLE
Endosulfan I	10	89.82	0.0055	ND	NLE
4,4'-DDE	10	89.82	0.0044	0.034	2
Dieldrin	10	89.82	0.0055	0.042	0.042
Endrin	10	89.82	0.0055	ND	17
Endosulfan II	10	89.82	0.0044	ND	NLE
4,4'-DDD	10	89.82	0.0067	0.104	3
Endrin Aldehyde	10	89.82	0.0055	ND	NLE
4,4'-DDT	10	89.82	0.0122	0.030	2
Endosulfan-Sulfate	10	89.82	0.0044	ND	NLE
gamma -Chlordane	10	89.82	0.0055	ND	NLE
alpha-Chlordane	10	89.82	0.0055	ND	NLE
Toxaphene	10	89.82	0.0033	ND	0.1
Arochlor 1016	10	89.82	0.1242	ND	0.49
Arochlor 1221	10	89.82	0.2284	ND	0.49
Arochlor 1232	10	89.82	0.1552	ND	0.49
Arochlor 1242	10	89.82	0.1774	ND	0.49
Arochlor 1248	10	89.82	0.0710	ND	0.49
Arochlor 1254	10	89.82	0.0444	ND	0.49
Arochlor 1260	10	89.82	0.0399	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.22
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	185

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	84.83	0.0035	ND	NLE
beta-BHC	10	84.83	0.0035	ND	NLE
gamma-BHC	10	84.83	0.0047	ND	0.52
delta-BHC	10	84.83	0.0047	ND	NLE
Heptachlor	10	84.83	0.0035	ND	0.15
Aldrin	10	84.83	0.0047	ND	0.04
Heptachlor Epoxide	10	84.83	0.0070	ND	NLE
Endosulfan I	10	84.83	0.0058	ND	NLE
4,4'-DDE	10	84.83	0.0047	0.094	2
Dieldrin	10	84.83	0.0058	ND	0.042
Endrin	10	84.83	0.0058	ND	17
Endosulfan II	10	84.83	0.0047	ND	NLE
4,4'-DDD	10	84.83	0.0070	0.085	3
Endrin Aldehyde	10	84.83	0.0058	ND	NLE
4,4'-DDT	10	84.83	0.0128	0.052	2
Endosulfan-Sulfate	10	84.83	0.0047	ND	NLE
gamma -Chlordane	10	84.83	0.0058	ND	NLE
alpha-Chlordane	10	84.83	0.0058	ND	NLE
Toxaphene	10	84.83	0.0035	ND	0.1
Arochlor 1016	10	84.83	0.1303	ND	0.49
Arochlor 1221	10	84.83	0.2397	ND	0.49
Arochlor 1232	10	84.83	0.1629	ND	0.49
Arochlor 1242	10	84.83	0.1862	ND	0.49
Arochlor 1248	10	84.83	0.0745	ND	0.49
Arochlor 1254	10	84.83	0.0465	ND	0.49
Arochlor 1260	10	84.83	0.0419	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.24
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	186

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	90.24	0.0033	ND	NLE
beta-BHC	10	90.24	0.0033	ND	NLE
gamma-BHC	10	90.24	0.0044	ND	0.52
delta-BHC	10	90.24	0.0044	ND	NLE
Heptachlor	10	90.24	0.0033	ND	0.15
Aldrin	10	90.24	0.0044	ND	0.04
Heptachlor Epoxide	10	90.24	0.0066	ND	NLE
Endosulfan I	10	90.24	0.0055	ND	NLE
4,4'-DDE	10	90.24	0.0044	0.027	2
Dieldrin	10	90.24	0.0055	ND	0.042
Endrin	10	90.24	0.0055	ND	17
Endosulfan II	10	90.24	0.0044	ND	NLE
4,4'-DDD	10	90.24	0.0066	0.033	3
Endrin Aldehyde	10	90.24	0.0055	ND	NLE
4,4'-DDT	10	90.24	0.0122	0.049	2
Endosulfan-Sulfate	10	90.24	0.0044	ND	NLE
gamma -Chlordane	10	90.24	0.0055	ND	NLE
alpha-Chlordane	10	90.24	0.0055	ND	NLE
Toxaphene	10	90.24	0.0033	ND	0.1
Arochlor 1016	10	90.24	0.1240	ND	0.49
Arochlor 1221	10	90.24	0.2281	ND	0.49
Arochlor 1232	10	90.24	0.1550	ND	0.49
Arochlor 1242	10	90.24	0.1771	ND	0.49
Arochlor 1248	10	90.24	0.0709	ND	0.49
Arochlor 1254	10	90.24	0.0443	ND	0.49
Arochlor 1260	10	90.24	0.0399	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	187

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	92.00	0.0031	ND	NLE
beta-BHC	10	92.00	0.0031	ND	NLE
gamma-BHC	10	92.00	0.0042	ND	0.52
delta-BHC	10	92.00	0.0042	ND	NLE
Heptachlor	10	92.00	0.0031	ND	0.15
Aldrin	10	92.00	0.0042	ND	0.04
Heptachlor Epoxide	10	92.00	0.0063	ND	NLE
Endosulfan I	10	92.00	0.0052	ND	NLE
4,4'-DDE	10	92.00	0.0042	0.321	2
Dieldrin	10	92.00	0.0052	ND	0.042
Endrin	10	92.00	0.0052	ND	17
Endosulfan II	10	92.00	0.0042	ND	NLE
4,4'-DDD	10	92.00	0.0063	0.070	3
Endrin Aldehyde	10	92.00	0.0052	ND	NLE
4,4'-DDT	10	92.00	0.0115	0.172	2
Endosulfan-Sulfate	10	92.00	0.0042	ND	NLE
gamma -Chlordane	10	92.00	0.0052	ND	NLE
alpha-Chlordane	10	92.00	0.0052	ND	NLE
Toxaphene	10	92.00	0.0031	ND	0.1
Arochlor 1016	10	92.00	0.1173	ND	0.49
Arochlor 1221	10	92.00	0.2157	ND	0.49
Arochlor 1232	10	92.00	0.1466	ND	0.49
Arochlor 1242	10	92.00	0.1675	ND	0.49
Arochlor 1248	10	92.00	0.0670	ND	0.49
Arochlor 1254	10	92.00	0.0419	ND	0.49
Arochlor 1260	10	92.00	0.0377	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	188

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	90.11	0.0032	ND	NLE
beta-BHC	10	90.11	0.0032	ND	NLE
gamma-BHC	10	90.11	0.0043	ND	0.52
delta-BHC	10	90.11	0.0043	ND	NLE
Heptachlor	10	90.11	0.0032	ND	0.15
Aldrin	10	90.11	0.0043	ND	0.04
Heptachlor Epoxide	10	90.11	0.0064	ND	NLE
Endosulfan I	10	90.11	0.0054	ND	NLE
4,4'-DDE	10	90.11	0.0043	0.073	2
Dieldrin	10	90.11	0.0054	ND	0.042
Endrin	10	90.11	0.0054	ND	17
Endosulfan II	10	90.11	0.0043	ND	NLE
4,4'-DDD	10	90.11	0.0064	0.040	3
Endrin Aldehyde	10	90.11	0.0054	ND	NLE
4,4'-DDT	10	90.11	0.0118	0.092	2
Endosulfan-Sulfate	10	90.11	0.0043	ND	NLE
gamma -Chlordane	10	90.11	0.0054	ND	NLE
alpha-Chlordane	10	90.11	0.0054	ND	NLE
Toxaphene	10	90.11	0.0032	ND	0.1
Arochlor 1016	10	90.11	0.1203	ND	0.49
Arochlor 1221	10	90.11	0.2213	ND	0.49
Arochlor 1232	10	90.11	0.1504	ND	0.49
Arochlor 1242	10	90.11	0.1719	ND	0.49
Arochlor 1248	10	90.11	0.0688	ND	0.49
Arochlor 1254	10	90.11	0.0430	ND	0.49
Arochlor 1260	10	90.11	0.0387	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4058.30
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/16/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	189

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	85.70	0.0035	ND	NLE
beta-BHC	10	85.70	0.0035	ND	NLE
gamma-BHC	10	85.70	0.0046	ND	0.52
delta-BHC	10	85.70	0.0046	ND	NLE
Heptachlor	10	85.70	0.0035	ND	0.15
Aldrin	10	85.70	0.0046	ND	0.04
Heptachlor Epoxide	10	85.70	0.0070	ND	NLE
Endosulfan I	10	85.70	0.0058	ND	NLE
4,4'-DDE	10	85.70	0.0046	0.031	2
Dieldrin	10	85.70	0.0058	ND	0.042
Endrin	10	85.70	0.0058	ND	17
Endosulfan II	10	85.70	0.0046	ND	NLE
4,4'-DDD	10	85.70	0.0070	0.042	3
Endrin Aldehyde	10	85.70	0.0058	ND	NLE
4,4'-DDT	10	85.70	0.0128	0.121	2
Endosulfan-Sulfate	10	85.70	0.0046	ND	NLE
gamma -Chlordane	10	85.70	0.0058	ND	NLE
alpha-Chlordane	10	85.70	0.0058	ND	NLE
Toxaphene	10	85.70	0.0035	ND	0.1
Arochlor 1016	10	85.70	0.1299	ND	0.49
Arochlor 1221	10	85.70	0.2389	ND	0.49
Arochlor 1232	10	85.70	0.1624	ND	0.49
Arochlor 1242	10	85.70	0.1856	ND	0.49
Arochlor 1248	10	85.70	0.0742	ND	0.49
Arochlor 1254	10	85.70	0.0464	ND	0.49
Arochlor 1260	10	85.70	0.0418	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.02 11/18/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	190

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	90.34	0.0033	ND	NLE
beta-BHC	10	90.34	0.0033	ND	NLE
gamma-BHC	10	90.34	0.0044	ND	0.52
delta-BHC	10	90.34	0.0044	ND	NLE
Heptachlor	10	90.34	0.0033	ND	0.15
Aldrin	10	90.34	0.0044	ND	0.04
Heptachlor Epoxide	10	90.34	0.0067	ND	NLE
Endosulfan I	10	90.34	0.0056	ND	NLE
4,4'-DDE	10	90.34	0.0044	0.024	2
Dieldrin	10	90.34	0.0056	ND	0.042
Endrin	10	90.34	0.0056	ND	17
Endosulfan II	10	90.34	0.0044	ND	NLE
4,4'-DDD	10	90.34	0.0067	0.007	3
Endrin Aldehyde	10	90.34	0.0056	ND	NLE
4,4'-DDT	10	90.34	0.0122	0.013	2
Endosulfan-Sulfate	10	90.34	0.0044	ND	NLE
gamma -Chlordane	10	90.34	0.0056	ND	NLE
alpha-Chlordane	10	90.34	0.0056	ND	NLE
Toxaphene	10	90.34	0.0033	ND	0.1
Arochlor 1016	10	90.34	0.1246	ND	0.49
Arochlor 1221	10	90.34	0.2292	ND	0.49
Arochlor 1232	10	90.34	0.1557	ND	0.49
Arochlor 1242	10	90.34	0.1780	ND	0.49
Arochlor 1248	10	90.34	0.0712	ND	0.49
Arochlor 1254	10	90.34	0.0445	ND	0.49
Arochlor 1260	10	90.34	0.0400	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.04 11/18/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	191

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	91.05	0.0033	ND	NLE
beta-BHC	10	91.05	0.0033	ND	NLE
gamma-BHC	10	91.05	0.0044	ND	0.52
delta-BHC	10	91.05	0.0044	ND	NLE
Heptachlor	10	91.05	0.0033	ND	0.15
Aldrin	10	91.05	0.0044	ND	0.04
Heptachlor Epoxide	10	91.05	0.0066	ND	NLE
Endosulfan I	10	91.05	0.0055	ND	NLE
4,4'-DDE	10	91.05	0.0044	0.273	2
Dieldrin	10	91.05	0.0055	ND	0.042
Endrin	10	91.05	0.0055	ND	17
Endosulfan II	10	91.05	0.0044	ND	NLE
4,4'-DDD	10	91.05	0.0066	0.074	3
Endrin Aldehyde	10	91.05	0.0055	ND	NLE
4,4'-DDT	10	91.05	0.0121	0.054	2
Endosulfan-Sulfate	10	91.05	0.0044	ND	NLE
gamma -Chlordane	10	91.05	0.0055	ND	NLE
alpha-Chlordane	10	91.05	0.0055	ND	NLE
Toxaphene	10	91.05	0.0033	ND	0.1
Arochlor 1016	10	91.05	0.1230	ND	0.49
Arochlor 1221	10	91.05	0.2262	ND	0.49
Arochlor 1232	10	91.05	0.1538	ND	0.49
Arochlor 1242	10	91.05	0.1757	ND	0.49
Arochlor 1248	10	91.05	0.0703	ND	0.49
Arochlor 1254	10	91.05	0.0439	ND	0.49
Arochlor 1260	10	91.05	0.0395	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.06 11/18/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	192

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	91.68	0.0032	ND	NLE
beta-BHC	10	91.68	0.0032	ND	NLE
gamma-BHC	10	91.68	0.0042	ND	0.52
delta-BHC	10	91.68	0.0042	ND	NLE
Heptachlor	10	91.68	0.0032	ND	0.15
Aldrin	10	91.68	0.0042	ND	0.04
Heptachlor Epoxide	10	91.68	0.0064	ND	NLE
Endosulfan I	10	91.68	0.0053	ND	NLE
4,4'-DDE	10	91.68	0.0042	0.121	2
Dieldrin	10	91.68	0.0053	ND	0.042
Endrin	10	91.68	0.0053	ND	17
Endosulfan II	10	91.68	0.0042	ND	NLE
4,4'-DDD	10	91.68	0.0064	0.088	3
Endrin Aldehyde	10	91.68	0.0053	ND	NLE
4,4'-DDT	10	91.68	0.0116	0.155	2
Endosulfan-Sulfate	10	91.68	0.0042	ND	NLE
gamma -Chlordane	10	91.68	0.0053	ND	NLE
alpha-Chlordane	10	91.68	0.0053	ND	NLE
Toxaphene	10	91.68	0.0032	ND	0.1
Arochlor 1016	10	91.68	0.1186	ND	0.49
Arochlor 1221	10	91.68	0.2182	ND	0.49
Arochlor 1232	10	91.68	0.1483	ND	0.49
Arochlor 1242	10	91.68	0.1694	ND	0.49
Arochlor 1248	10	91.68	0.0678	ND	0.49
Arochlor 1254	10	91.68	0.0424	ND	0.49
Arochlor 1260	10	91.68	0.0381	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.08 11/18/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	193

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	86.94	0.0034	ND	NLE
beta-BHC	10	86.94	0.0034	ND	NLE
gamma-BHC	10	86.94	0.0046	ND	0.52
delta-BHC	10	86.94	0.0046	ND	NLE
Heptachlor	10	86.94	0.0034	ND	0.15
Aldrin	10	86.94	0.0046	ND	0.04
Heptachlor Epoxide	10	86.94	0.0069	ND	NLE
Endosulfan I	10	86.94	0.0057	ND	NLE
4,4'-DDE	10	86.94	0.0046	0.347	2
Dieldrin	10	86.94	0.0057	ND	0.042
Endrin	10	86.94	0.0057	ND	17
Endosulfan II	10	86.94	0.0046	ND	NLE
4,4'-DDD	10	86.94	0.0069	0.116	3
Endrin Aldehyde	10	86.94	0.0057	ND	NLE
4,4'-DDT	10	86.94	0.0126	0.056	2
Endosulfan-Sulfate	10	86.94	0.0046	ND	NLE
gamma -Chlordane	10	86.94	0.0057	ND	NLE
alpha-Chlordane	10	86.94	0.0057	ND	NLE
Toxaphene	10	86.94	0.0034	ND	0.1
Arochlor 1016	10	86.94	0.1281	ND	0.49
Arochlor 1221	10	86.94	0.2355	ND	0.49
Arochlor 1232	10	86.94	0.1601	ND	0.49
Arochlor 1242	10	86.94	0.1829	ND	0.49
Arochlor 1248	10	86.94	0.0732	ND	0.49
Arochlor 1254	10	86.94	0.0457	ND	0.49
Arochlor 1260	10	86.94	0.0412	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.10 11/18/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	194

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	85.60	0.0033	ND	NLE
beta-BHC	10	85.60	0.0033	ND	NLE
gamma-BHC	10	85.60	0.0045	ND	0.52
delta-BHC	10	85.60	0.0045	ND	NLE
Heptachlor	10	85.60	0.0033	ND	0.15
Aldrin	10	85.60	0.0045	ND	0.04
Heptachlor Epoxide	10	85.60	0.0067	ND	NLE
Endosulfan I	10	85.60	0.0056	ND	NLE
4,4'-DDE	10	85.60	0.0045	0.041	2
Dieldrin	10	85.60	0.0056	ND	0.042
Endrin	10	85.60	0.0056	ND	17
Endosulfan II	10	85.60	0.0045	ND	NLE
4,4'-DDD	10	85.60	0.0067	0.095	3
Endrin Aldehyde	10	85.60	0.0056	ND	NLE
4,4'-DDT	10	85.60	0.0123	0.119	2
Endosulfan-Sulfate	10	85.60	0.0045	ND	NLE
gamma -Chlordane	10	85.60	0.0056	ND	NLE
alpha-Chlordane	10	85.60	0.0056	0.013	NLE
Toxaphene	10	85.60	0.0033	ND	0.1
Arochlor 1016	10	85.60	0.1248	ND	0.49
Arochlor 1221	10	85.60	0.2296	ND	0.49
Arochlor 1232	10	85.60	0.1561	ND	0.49
Arochlor 1242	10	85.60	0.1784	ND	0.49
Arochlor 1248	10	85.60	0.0713	ND	0.49
Arochlor 1254	10	85.60	0.0446	ND	0.49
Arochlor 1260	10	85.60	0.0401	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.12 11/18/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	195

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	86.04	0.0034	ND	NLE
beta-BHC	10	86.04	0.0034	ND	NLE
gamma-BHC	10	86.04	0.0045	ND	0.52
delta-BHC	10	86.04	0.0045	ND	NLE
Heptachlor	10	86.04	0.0034	ND	0.15
Aldrin	10	86.04	0.0045	ND	0.04
Heptachlor Epoxide	10	86.04	0.0068	ND	NLE
Endosulfan I	10	86.04	0.0057	ND	NLE
4,4'-DDE	10	86.04	0.0045	0.026	2
Dieldrin	10	86.04	0.0057	ND	0.042
Endrin	10	86.04	0.0057	ND	17
Endosulfan II	10	86.04	0.0045	ND	NLE
4,4'-DDD	10	86.04	0.0068	0.103	3
Endrin Aldehyde	10	86.04	0.0057	ND	NLE
4,4'-DDT	10	86.04	0.0125	0.030	2
Endosulfan-Sulfate	10	86.04	0.0045	ND	NLE
gamma -Chlordane	10	86.04	0.0057	ND	NLE
alpha-Chlordane	10	86.04	0.0057	ND	NLE
Toxaphene	10	86.04	0.0034	ND	0.1
Arochlor 1016	10	86.04	0.1271	ND	0.49
Arochlor 1221	10	86.04	0.2338	ND	0.49
Arochlor 1232	10	86.04	0.1589	ND	0.49
Arochlor 1242	10	86.04	0.1816	ND	0.49
Arochlor 1248	10	86.04	0.0726	ND	0.49
Arochlor 1254	10	86.04	0.0454	ND	0.49
Arochlor 1260	10	86.04	0.0409	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4067.14
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/18/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	196

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.26	0.0033	ND	NLE
beta-BHC	10	89.26	0.0033	ND	NLE
gamma-BHC	10	89.26	0.0044	ND	0.52
delta-BHC	10	89.26	0.0044	ND	NLE
Heptachlor	10	89.26	0.0033	ND	0.15
Aldrin	10	89.26	0.0044	ND	0.04
Heptachlor Epoxide	10	89.26	0.0066	0.016	NLE
Endosulfan I	10	89.26	0.0055	ND	NLE
4,4'-DDE	10	89.26	0.0044	0.071	2
Dieldrin	10	89.26	0.0055	ND	0.042
Endrin	10	89.26	0.0055	ND	17
Endosulfan II	10	89.26	0.0044	ND	NLE
4,4'-DDD	10	89.26	0.0066	0.542	3
Endrin Aldehyde	10	89.26	0.0055	ND	NLE
4,4'-DDT	10	89.26	0.0122	0.125	2
Endosulfan-Sulfate	10	89.26	0.0044	ND	NLE
gamma -Chlordane	10	89.26	0.0055	0.028	NLE
alpha-Chlordane	10	89.26	0.0055	ND	NLE
Toxaphene	10	89.26	0.0033	ND	0.1
Arochlor 1016	10	89.26	0.1240	ND	0.49
Arochlor 1221	10	89.26	0.2280	ND	0.49
Arochlor 1232	10	89.26	0.1550	ND	0.49
Arochlor 1242	10	89.26	0.1771	ND	0.49
Arochlor 1248	10	89.26	0.0709	ND	0.49
Arochlor 1254	10	89.26	0.0443	ND	0.49
Arochlor 1260	10	89.26	0.0399	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4067.16
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/18/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	197

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	87.27	0.0034	ND	NLE
beta-BHC	10	87.27	0.0034	ND	NLE
gamma-BHC	10	87.27	0.0046	ND	0.52
delta-BHC	10	87.27	0.0046	ND	NLE
Heptachlor	10	87.27	0.0034	ND	0.15
Aldrin	10	87.27	0.0046	ND	0.04
Heptachlor Epoxide	10	87.27	0.0069	ND	NLE
Endosulfan I	10	87.27	0.0057	ND	NLE
4,4'-DDE	10	87.27	0.0046	0.024	2
Dieldrin	10	87.27	0.0057	ND	0.042
Endrin	10	87.27	0.0057	ND	17
Endosulfan II	10	87.27	0.0046	ND	NLE
4,4'-DDD	10	87.27	0.0069	0.183	3
Endrin Aldehyde	10	87.27	0.0057	ND	NLE
4,4'-DDT	10	87.27	0.0126	0.052	2
Endosulfan-Sulfate	10	87.27	0.0046	ND	NLE
gamma -Chlordane	10	87.27	0.0057	ND	NLE
alpha-Chlordane	10	87.27	0.0057	ND	NLE
Toxaphene	10	87.27	0.0034	ND	0.1
Arochlor 1016	10	87.27	0.1281	ND	0.49
Arochlor 1221	10	87.27	0.2356	ND	0.49
Arochlor 1232	10	87.27	0.1601	ND	0.49
Arochlor 1242	10	87.27	0.1830	ND	0.49
Arochlor 1248	10	87.27	0.0732	ND	0.49
Arochlor 1254	10	87.27	0.0457	ND	0.49
Arochlor 1260	10	87.27	0.0412	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.18 11/18/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	198

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	90.81	0.0032	ND	NLE
beta-BHC	10	90.81	0.0032	ND	NLE
gamma-BHC	10	90.81	0.0042	ND	0.52
delta-BHC	10	90.81	0.0042	ND	NLE
Heptachlor	10	90.81	0.0032	ND	0.15
Aldrin	10	90.81	0.0042	ND	0.04
Heptachlor Epoxide	10	90.81	0.0063	ND	NLE
Endosulfan I	10	90.81	0.0053	ND	NLE
4,4'-DDE	10	90.81	0.0042	0.066	2
Dieldrin	10	90.81	0.0053	ND	0.042
Endrin	10	90.81	0.0053	ND	17
Endosulfan II	10	90.81	0.0042	ND	NLE
4,4'-DDD	10	90.81	0.0063	0.067	3
Endrin Aldehyde	10	90.81	0.0053	ND	NLE
4,4'-DDT	10	90.81	0.0116	0.044	2
Endosulfan-Sulfate	10	90.81	0.0042	ND	NLE
gamma -Chlordane	10	90.81	0.0053	ND	NLE
alpha-Chlordane	10	90.81	0.0053	ND	NLE
Toxaphene	10	90.81	0.0032	ND	0.1
Arochlor 1016	10	90.81	0.1181	ND	0.49
Arochlor 1221	10	90.81	0.2173	ND	0.49
Arochlor 1232	10	90.81	0.1477	ND	0.49
Arochlor 1242	10	90.81	0.1688	ND	0.49
Arochlor 1248	10	90.81	0.0675	ND	0.49
Arochlor 1254	10	90.81	0.0422	ND	0.49
Arochlor 1260	10	90.81	0.0380	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4067.20
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/18/98
	Bldg. 173	**Extraction Date:**	11/18/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	199

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.77	0.0033	ND	NLE
beta-BHC	10	89.77	0.0033	ND	NLE
gamma-BHC	10	89.77	0.0043	ND	0.52
delta-BHC	10	89.77	0.0043	ND	NLE
Heptachlor	10	89.77	0.0033	ND	0.15
Aldrin	10	89.77	0.0043	ND	0.04
Heptachlor Epoxide	10	89.77	0.0065	ND	NLE
Endosulfan I	10	89.77	0.0054	ND	NLE
4,4'-DDE	10	89.77	0.0043	0.141	2
Dieldrin	10	89.77	0.0054	ND	0.042
Endrin	10	89.77	0.0054	ND	17
Endosulfan II	10	89.77	0.0043	ND	NLE
4,4'-DDD	10	89.77	0.0065	0.077	3
Endrin Aldehyde	10	89.77	0.0054	ND	NLE
4,4'-DDT	10	89.77	0.0119	0.155	2
Endosulfan-Sulfate	10	89.77	0.0043	ND	NLE
gamma -Chlordane	10	89.77	0.0054	ND	NLE
alpha-Chlordane	10	89.77	0.0054	ND	NLE
Toxaphene	10	89.77	0.0033	ND	0.1
Arochlor 1016	10	89.77	0.1214	ND	0.49
Arochlor 1221	10	89.77	0.2232	ND	0.49
Arochlor 1232	10	89.77	0.1517	ND	0.49
Arochlor 1242	10	89.77	0.1734	ND	0.49
Arochlor 1248	10	89.77	0.0694	ND	0.49
Arochlor 1254	10	89.77	0.0433	ND	0.49
Arochlor 1260	10	89.77	0.0390	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.22 11/18/98 11/18/98 12/24/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	200

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.82	0.0033	ND	NLE
beta-BHC	10	89.82	0.0033	ND	NLE
gamma-BHC	10	89.82	0.0045	ND	0.52
delta-BHC	10	89.82	0.0045	ND	NLE
Heptachlor	10	89.82	0.0033	ND	0.15
Aldrin	10	89.82	0.0045	ND	0.04
Heptachlor Epoxide	10	89.82	0.0067	ND	NLE
Endosulfan I	10	89.82	0.0056	ND	NLE
4,4'-DDE	10	89.82	0.0045	ND	2
Dieldrin	10	89.82	0.0056	ND	0.042
Endrin	10	89.82	0.0056	ND	17
Endosulfan II	10	89.82	0.0045	ND	NLE
4,4'-DDD	10	89.82	0.0067	ND	3
Endrin Aldehyde	10	89.82	0.0056	ND	NLE
4,4'-DDT	10	89.82	0.0122	ND	2
Endosulfan-Sulfate	10	89.82	0.0045	ND	NLE
gamma -Chlordane	10	89.82	0.0056	ND	NLE
alpha-Chlordane	10	89.82	0.0056	ND	NLE
Toxaphene	10	89.82	0.0033	ND	0.1
Arochlor 1016	10	89.82	0.1247	ND	0.49
Arochlor 1221	10	89.82	0.2293	ND	0.49
Arochlor 1232	10	89.82	0.1559	ND	0.49
Arochlor 1242	10	89.82	0.1781	ND	0.49
Arochlor 1248	10	89.82	0.0713	ND	0.49
Arochlor 1254	10	89.82	0.0445	ND	0.49
Arochlor 1260	10	89.82	0.0401	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.24 11/18/98 11/18/98 12/25/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	201

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	88.38	0.0033	ND	NLE
beta-BHC	10	88.38	0.0033	ND	NLE
gamma-BHC	10	88.38	0.0044	ND	0.52
delta-BHC	10	88.38	0.0044	ND	NLE
Heptachlor	10	88.38	0.0033	ND	0.15
Aldrin	10	88.38	0.0044	ND	0.04
Heptachlor Epoxide	10	88.38	0.0066	ND	NLE
Endosulfan I	10	88.38	0.0055	ND	NLE
4,4'-DDE	10	88.38	0.0044	0.039	2
Dieldrin	10	88.38	0.0055	ND	0.042
Endrin	10	88.38	0.0055	ND	17
Endosulfan II	10	88.38	0.0044	ND	NLE
4,4'-DDD	10	88.38	0.0066	0.474	3
Endrin Aldehyde	10	88.38	0.0055	ND	NLE
4,4'-DDT	10	88.38	0.0120	0.132	2
Endosulfan-Sulfate	10	88.38	0.0044	ND	NLE
gamma -Chlordane	10	88.38	0.0055	ND	NLE
alpha-Chlordane	10	88.38	0.0055	ND	NLE
Toxaphene	10	88.38	0.0033	ND	0.1
Arochlor 1016	10	88.38	0.1227	ND	0.49
Arochlor 1221	10	88.38	0.2256	ND	0.49
Arochlor 1232	10	88.38	0.1533	ND	0.49
Arochlor 1242	10	88.38	0.1753	ND	0.49
Arochlor 1248	10	88.38	0.0701	ND	0.49
Arochlor 1254	10	88.38	0.0438	ND	0.49
Arochlor 1260	10	88.38	0.0394	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4067.26
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/18/98
	Bldg. 173	**Extraction Date:**	11/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/25/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	202

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	86.26	0.0033	ND	NLE
beta-BHC	10	86.26	0.0033	ND	NLE
gamma-BHC	10	86.26	0.0044	ND	0.52
delta-BHC	10	86.26	0.0044	ND	NLE
Heptachlor	10	86.26	0.0033	ND	0.15
Aldrin	10	86.26	0.0044	ND	0.04
Heptachlor Epoxide	10	86.26	0.0065	ND	NLE
Endosulfan I	10	86.26	0.0054	ND	NLE
4,4'-DDE	10	86.26	0.0044	0.045	2
Dieldrin	10	86.26	0.0054	ND	0.042
Endrin	10	86.26	0.0054	ND	17
Endosulfan II	10	86.26	0.0044	ND	NLE
4,4'-DDD	10	86.26	0.0065	0.084	3
Endrin Aldehyde	10	86.26	0.0054	ND	NLE
4,4'-DDT	10	86.26	0.0120	0.096	2
Endosulfan-Sulfate	10	86.26	0.0044	ND	NLE
gamma -Chlordane	10	86.26	0.0054	ND	NLE
alpha-Chlordane	10	86.26	0.0054	ND	NLE
Toxaphene	10	86.26	0.0033	ND	0.1
Arochlor 1016	10	86.26	0.1220	ND	0.49
Arochlor 1221	10	86.26	0.2244	ND	0.49
Arochlor 1232	10	86.26	0.1525	ND	0.49
Arochlor 1242	10	86.26	0.1743	ND	0.49
Arochlor 1248	10	86.26	0.0697	ND	0.49
Arochlor 1254	10	86.26	0.0436	ND	0.49
Arochlor 1260	10	86.26	0.0392	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4067.28
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/18/98
	Bldg. 173	**Extraction Date:**	11/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/29/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	203

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	87.09	0.0033	ND	NLE
beta-BHC	10	87.09	0.0033	ND	NLE
gamma-BHC	10	87.09	0.0044	ND	0.52
delta-BHC	10	87.09	0.0044	ND	NLE
Heptachlor	10	87.09	0.0033	ND	0.15
Aldrin	10	87.09	0.0044	ND	0.04
Heptachlor Epoxide	10	87.09	0.0065	ND	NLE
Endosulfan I	10	87.09	0.0054	ND	NLE
4,4'-DDE	10	87.09	0.0044	0.316	2
Dieldrin	10	87.09	0.0054	ND	0.042
Endrin	10	87.09	0.0054	ND	17
Endosulfan II	10	87.09	0.0044	ND	NLE
4,4'-DDD	10	87.09	0.0065	0.073	3
Endrin Aldehyde	10	87.09	0.0054	ND	NLE
4,4'-DDT	20	87.09	0.0240	0.578	2
Endosulfan-Sulfate	10	87.09	0.0044	ND	NLE
gamma -Chlordane	10	87.09	0.0054	ND	NLE
alpha-Chlordane	10	87.09	0.0054	ND	NLE
Toxaphene	10	87.09	0.0033	ND	0.1
Arochlor 1016	10	87.09	0.1220	ND	0.49
Arochlor 1221	10	87.09	0.2244	ND	0.49
Arochlor 1232	10	87.09	0.1525	ND	0.49
Arochlor 1242	10	87.09	0.1743	ND	0.49
Arochlor 1248	10	87.09	0.0697	ND	0.49
Arochlor 1254	10	87.09	0.0436	ND	0.49
Arochlor 1260	10	87.09	0.0392	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army DPW. SELFM-PW-EV Bldg. 173 Ft. Monmouth, NJ 07703	**Lab. ID # :** **Date Rec'd:** **Extraction Date:** **Analysis Date:**	4067.30 11/18/98 11/23/98 12/29/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	204

Pesticide/PCB	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	89.91	0.0031	ND	NLE
beta-BHC	10	89.91	0.0031	ND	NLE
gamma-BHC	10	89.91	0.0042	ND	0.52
delta-BHC	10	89.91	0.0042	ND	NLE
Heptachlor	10	89.91	0.0031	ND	0.15
Aldrin	10	89.91	0.0042	ND	0.04
Heptachlor Epoxide	10	89.91	0.0063	ND	NLE
Endosulfan I	10	89.91	0.0052	ND	NLE
4,4'-DDE	10	89.91	0.0042	0.045	2
Dieldrin	10	89.91	0.0052	ND	0.042
Endrin	10	89.91	0.0052	ND	17
Endosulfan II	10	89.91	0.0042	ND	NLE
4,4'-DDD	10	89.91	0.0063	0.012	3
Endrin Aldehyde	10	89.91	0.0052	ND	NLE
4,4'-DDT	10	89.91	0.0115	0.052	2
Endosulfan-Sulfate	10	89.91	0.0042	ND	NLE
gamma -Chlordane	10	89.91	0.0052	ND	NLE
alpha-Chlordane	10	89.91	0.0052	ND	NLE
Toxaphene	10	89.91	0.0031	ND	0.1
Arochlor 1016	10	89.91	0.1173	ND	0.49
Arochlor 1221	10	89.91	0.2157	ND	0.49
Arochlor 1232	10	89.91	0.1466	ND	0.49
Arochlor 1242	10	89.91	0.1676	ND	0.49
Arochlor 1248	10	89.91	0.0670	ND	0.49
Arochlor 1254	10	89.91	0.0419	ND	0.49
Arochlor 1260	10	89.91	0.0377	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client :	U.S. Army	**Lab. ID # :**	4068.02
	DPW. SELFM-PW-EV	**Date Rec'd:**	11/18/98
	Bldg. 173	**Extraction Date:**	11/23/98
	Ft. Monmouth, NJ 07703	**Analysis Date:**	12/29/98
Analysis:	SW-846 Method 8081/8082	**Location :**	M-3
Matrix:	Soil		
Analyst:	D. Wright	**Field ID:**	205

	Dilution Factor	% Solid	MDL (mg/kg)	Result (mg/kg)	Cleanup Criteria (mg/kg)
alpha-BHC	10	88.19	0.0033	ND	NLE
beta-BHC	10	88.19	0.0033	ND	NLE
gamma-BHC	10	88.19	0.0044	ND	0.52
delta-BHC	10	88.19	0.0044	ND	NLE
Heptachlor	10	88.19	0.0033	ND	0.15
Aldrin	10	88.19	0.0044	ND	0.04
Heptachlor Epoxide	10	88.19	0.0066	ND	NLE
Endosulfan I	10	88.19	0.0055	ND	NLE
4,4'-DDE	10	88.19	0.0044	0.103	2
Dieldrin	10	88.19	0.0055	ND	0.042
Endrin	10	88.19	0.0055	ND	17
Endosulfan II	10	88.19	0.0044	ND	NLE
4,4'-DDD	10	88.19	0.0066	0.026	3
Endrin Aldehyde	10	88.19	0.0055	ND	NLE
4,4'-DDT	10	88.19	0.0121	0.041	2
Endosulfan-Sulfate	10	88.19	0.0044	ND	NLE
gamma -Chlordane	10	88.19	0.0055	ND	NLE
alpha-Chlordane	10	88.19	0.0055	ND	NLE
Toxaphene	10	88.19	0.0033	ND	0.1
Arochlor 1016	10	88.19	0.1237	ND	0.49
Arochlor 1221	10	88.19	0.2274	ND	0.49
Arochlor 1232	10	88.19	0.1546	ND	0.49
Arochlor 1242	10	88.19	0.1767	ND	0.49
Arochlor 1248	10	88.19	0.0707	ND	0.49
Arochlor 1254	10	88.19	0.0442	ND	0.49
Arochlor 1260	10	88.19	0.0397	ND	0.49

ND = Not Detected
MDL = Method Detection Limit
NLE = No Limit Established

Column-Primary: RTX-CLPestcide 30m/.32mmID/.25u
Column-Confirmation: RTX-CLPestcide2 30m/.32mmID/.25

METHOD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923
Sample Preparation: 10/22/98

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	10/26/98	0.08	0.01
Antimony	10/26/98	ND	0.002
Arsenic	10/26/98	ND	0.002
Barium	10/26/98	ND	0.0005
Beryllium	10/26/98	ND	0.0005
Cadmium	10/26/98	0.0006	0.0005
Calcium	10/26/98	0.25	0.02
Chromium	10/26/98	ND	0.0005
Cobalt	10/26/98	ND	0.0005
Copper	10/26/98	0.010	0.003
Iron	10/26/98	0.37	0.01
Lead	10/26/98	ND	0.002
Magnesium	10/26/98	ND	0.02
Manganese	10/26/98	0.0024	0.0005
Mercury	10/01/98	ND	0.0002
Nickel	10/26/98	ND	0.0005
Potassium	10/26/98	0.14	0.02
Selenium	10/26/98	ND	0.002
Silver	10/26/98	ND	0.003
Sodium	10/26/98	0.27	0.02
Thallium	10/26/98	ND	0.003
Vanadium	10/26/98	ND	0.001
Zinc	10/26/98	ND	0.001

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929
Sample Preparation: 10/22/98

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	10/26/98	0.08	0.01
Antimony	10/26/98	ND	0.002
Arsenic	10/26/98	ND	0.002
Barium	10/26/98	ND	0.0005
Beryllium	10/26/98	ND	0.0005
Cadmium	10/26/98	0.0006	0.0005
Calcium	10/26/98	0.25	0.02
Chromium	10/26/98	ND	0.0005
Cobalt	10/26/98	ND	0.0005
Copper	10/26/98	0.010	0.003
Iron	10/26/98	0.37	0.01
Lead	10/26/98	ND	0.002
Magnesium	10/26/98	ND	0.02
Manganese	10/26/98	0.0024	0.0005
Mercury	10/01/98	ND	0.0002
Nickel	10/26/98	ND	0.0005
Potassium	10/26/98	0.14	0.02
Selenium	10/26/98	ND	0.002
Silver	10/26/98	ND	0.003
Sodium	10/26/98	0.27	0.02
Thallium	10/26/98	ND	0.003
Vanadium	10/26/98	ND	0.001
Zinc	10/26/98	ND	0.001

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3984
Sample Preparation: 10/22/98

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	10/26/98	0.08	0.01
Antimony	10/26/98	ND	0.002
Arsenic	10/26/98	ND	0.002
Barium	10/26/98	ND	0.0005
Beryllium	10/26/98	ND	0.0005
Cadmium	10/26/98	0.0006	0.0005
Calcium	10/26/98	0.25	0.02
Chromium	10/26/98	ND	0.0005
Cobalt	10/26/98	ND	0.0005
Copper	10/26/98	0.010	0.003
Iron	10/26/98	0.37	0.01
Lead	10/26/98	ND	0.002
Magnesium	10/26/98	ND	0.02
Manganese	10/26/98	0.0024	0.0005
Mercury	10/21/98	ND	0.0001
Nickel	10/26/98	ND	0.0005
Potassium	10/26/98	0.14	0.02
Selenium	10/26/98	ND	0.002
Silver	10/26/98	ND	0.003
Sodium	10/26/98	0.27	0.02
Thallium	10/26/98	ND	0.003
Vanadium	10/26/98	ND	0.001
Zinc	10/26/98	ND	0.001

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989
Sample Preparation: 10/22/98

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	10/26/98	0.08	0.01
Antimony	10/26/98	ND	0.002
Arsenic	10/26/98	ND	0.002
Barium	10/26/98	ND	0.0005
Beryllium	10/26/98	ND	0.0005
Cadmium	10/26/98	0.0006	0.0005
Calcium	10/26/98	0.25	0.02
Chromium	10/26/98	ND	0.0005
Cobalt	10/26/98	ND	0.0005
Copper	10/26/98	0.010	0.003
Iron	10/26/98	0.37	0.01
Lead	10/26/98	ND	0.002
Magnesium	10/26/98	ND	0.02
Manganese	10/26/98	0.0024	0.0005
Mercury	10/21/98	ND	0.0001
Nickel	10/26/98	ND	0.0005
Potassium	10/26/98	0.14	0.02
Selenium	10/26/98	ND	0.002
Silver	10/26/98	ND	0.003
Sodium	10/26/98	0.27	0.02
Thallium	10/26/98	ND	0.003
Vanadium	10/26/98	ND	0.001
Zinc	10/26/98	ND	0.001

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996
Sample Preparation: 10/22/98

Site: M-5
Ft. Monmouth, New Jersey

METHOD BLANK SUMMARY (mg/L)

Element	Date Analyzed	Result	MDL
Aluminum	10/26/98	0.08	0.01
Antimony	10/26/98	ND	0.002
Arsenic	10/26/98	ND	0.002
Barium	10/26/98	ND	0.0005
Beryllium	10/26/98	ND	0.0005
Cadmium	10/26/98	0.0006	0.0005
Calcium	10/26/98	0.25	0.02
Chromium	10/26/98	ND	0.0005
Cobalt	10/26/98	ND	0.0005
Copper	10/26/98	0.010	0.003
Iron	10/26/98	0.37	0.01
Lead	10/26/98	ND	0.002
Magnesium	10/26/98	ND	0.02
Manganese	10/26/98	0.0024	0.0005
Mercury	10/29/98	ND	0.0001
Nickel	10/26/98	ND	0.0005
Potassium	10/26/98	0.14	0.02
Selenium	10/26/98	ND	0.002
Silver	10/26/98	ND	0.003
Sodium	10/26/98	0.27	0.02
Thallium	10/26/98	ND	0.003
Vanadium	10/26/98	ND	0.001
Zinc	10/26/98	ND	0.001

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007
Sample Prepared: 11/10/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/16/98	0.08	0.01
Antimony	11/16/98	0.006	0.002
Arsenic	11/16/98	ND	0.002
Barium	11/16/98	0.0016	0.0005
Beryllium	11/16/98	ND	0.0005
Cadmium	11/16/98	ND	0.0005
Calcium	11/16/98	0.31	0.02
Chromium	11/16/98	0.0006	0.0005
Cobalt	11/16/98	ND	0.0005
Copper	11/16/98	0.014	0.003
Iron	11/16/98	0.05	0.01
Lead	11/16/98	ND	0.002
Magnesium	11/16/98	0.124	0.02
Manganese	11/16/98	0.0010	0.0005
Mercury	10/29/98	ND	0.0001
Nickel	11/16/98	0.0059	0.0005
Potassium	11/16/98	ND	0.02
Selenium	11/16/98	ND	0.002
Silver	11/16/98	ND	0.003
Sodium	11/16/98	0.12	0.02
Thallium	11/16/98	ND	0.003
Vanadium	11/16/98	ND	0.001
Zinc	11/16/98	0.009	0.001

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4009
Sample Prepared: 11/10/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/16/98	0.08	0.01
Antimony	11/16/98	0.006	0.002
Arsenic	11/16/98	ND	0.002
Barium	11/16/98	0.0016	0.0005
Beryllium	11/16/98	ND	0.0005
Cadmium	11/16/98	ND	0.0005
Calcium	11/16/98	0.31	0.02
Chromium	11/16/98	0.0006	0.0005
Cobalt	11/16/98	ND	0.0005
Copper	11/16/98	0.014	0.003
Iron	11/16/98	0.05	0.01
Lead	11/16/98	ND	0.002
Magnesium	11/16/98	0.124	0.02
Manganese	11/16/98	0.0010	0.0005
Mercury	10/29/98	ND	0.0001
Nickel	11/16/98	0.0059	0.0005
Potassium	11/16/98	ND	0.02
Selenium	11/16/98	ND	0.002
Silver	11/16/98	ND	0.003
Sodium	11/16/98	0.12	0.02
Thallium	11/16/98	ND	0.003
Vanadium	11/16/98	ND	0.001
Zinc	11/16/98	0.009	0.001

ND = Not Detected, MDL = Method Detection Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024
Sample Prepared: 11/10/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/16/98	0.08	0.01
Antimony	11/16/98	0.006	0.002
Arsenic	11/16/98	ND	0.002
Barium	11/16/98	0.0016	0.0005
Beryllium	11/16/98	ND	0.0005
Cadmium	11/16/98	ND	0.0005
Calcium	11/16/98	0.31	0.02
Chromium	11/16/98	0.0006	0.0005
Cobalt	11/16/98	ND	0.0005
Copper	11/16/98	0.014	0.003
Iron	11/16/98	0.05	0.01
Lead	11/16/98	ND	0.002
Magnesium	11/16/98	0.124	0.02
Manganese	11/16/98	0.0010	0.0005
Mercury	11/17/98	ND	0.0001
Nickel	11/16/98	0.0059	0.0005
Potassium	11/16/98	ND	0.02
Selenium	11/16/98	ND	0.002
Silver	11/16/98	ND	0.003
Sodium	11/16/98	0.12	0.02
Thallium	11/16/98	ND	0.003
Vanadium	11/16/98	ND	0.001
Zinc	11/16/98	0.009	0.001

ND = Not Detected, MDL = Method Detection Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027
Sample Prepared: 11/10/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/16/98	0.08	0.01
Antimony	11/16/98	0.006	0.002
Arsenic	11/16/98	ND	0.002
Barium	11/16/98	0.0016	0.0005
Beryllium	11/16/98	ND	0.0005
Cadmium	11/16/98	ND	0.0005
Calcium	11/16/98	0.31	0.02
Chromium	11/16/98	0.0006	0.0005
Cobalt	11/16/98	ND	0.0005
Copper	11/16/98	0.014	0.003
Iron	11/16/98	0.05	0.01
Lead	11/16/98	ND	0.002
Magnesium	11/16/98	0.124	0.02
Manganese	11/16/98	0.0010	0.0005
Mercury	11/17/98	ND	0.0001
Nickel	11/16/98	0.0059	0.0005
Potassium	11/16/98	ND	0.02
Selenium	11/16/98	ND	0.002
Silver	11/16/98	ND	0.003
Sodium	11/16/98	0.12	0.02
Thallium	11/16/98	ND	0.003
Vanadium	11/16/98	ND	0.001
Zinc	11/16/98	0.009	0.001

ND = Not Detected, MDL = Method Detection Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030
Sample Prepared: 11/10/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/16/98	0.08	0.01
Antimony	11/16/98	0.006	0.002
Arsenic	11/16/98	ND	0.002
Barium	11/16/98	0.0016	0.0005
Beryllium	11/16/98	ND	0.0005
Cadmium	11/16/98	ND	0.0005
Calcium	11/16/98	0.31	0.02
Chromium	11/16/98	0.0006	0.0005
Cobalt	11/16/98	ND	0.0005
Copper	11/16/98	0.014	0.003
Iron	11/16/98	0.05	0.01
Lead	11/16/98	ND	0.002
Magnesium	11/16/98	0.124	0.02
Manganese	11/16/98	0.0010	0.0005
Mercury	11/17/98	ND	0.0001
Nickel	11/16/98	0.0059	0.0005
Potassium	11/16/98	ND	0.02
Selenium	11/16/98	ND	0.002
Silver	11/16/98	ND	0.003
Sodium	11/16/98	0.12	0.02
Thallium	11/16/98	ND	0.003
Vanadium	11/16/98	ND	0.001
Zinc	11/16/98	0.009	0.001

ND = Not Detected, MDL = Method Detection Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041
Sample Prepared: 11/18/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/19/98	0.09	0.01
Antimony	11/19/98	0.007	0.002
Arsenic	11/19/98	ND	0.002
Barium	11/19/98	0.0039	0.0005
Beryllium	11/19/98	ND	0.0005
Cadmium	11/19/98	0.0012	0.0005
Calcium	11/19/98	0.42	0.02
Chromium	11/19/98	ND	0.0005
Cobalt	11/19/98	ND	0.0005
Copper	11/19/98	0.015	0.003
Iron	11/19/98	0.06	0.01
Lead	11/19/98	0.003	0.002
Magnesium	11/19/98	0.10	0.02
Manganese	11/19/98	0.0016	0.0005
Mercury	11/17/98	ND	0.0001
Nickel	11/19/98	0.0020	0.0005
Potassium	11/19/98	0.04	0.02
Selenium	11/19/98	ND	0.002
Silver	11/19/98	ND	0.003
Sodium	11/19/98	0.52	0.02
Thallium	11/19/98	ND	0.003
Vanadium	11/19/98	ND	0.001
Zinc	11/19/98	0.010	0.001

ND = Not Detected, MDL = Method Detection Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046
Sample Prepared: 11/18/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/19/98	0.09	0.01
Antimony	11/19/98	0.007	0.002
Arsenic	11/19/98	ND	0.002
Barium	11/19/98	0.0039	0.0005
Beryllium	11/19/98	ND	0.0005
Cadmium	11/19/98	0.0012	0.0005
Calcium	11/19/98	0.42	0.02
Chromium	11/19/98	ND	0.0005
Cobalt	11/19/98	ND	0.0005
Copper	11/19/98	0.015	0.003
Iron	11/19/98	0.06	0.01
Lead	11/19/98	0.003	0.002
Magnesium	11/19/98	0.10	0.02
Manganese	11/19/98	0.0016	0.0005
Mercury	11/17/98	ND	0.0001
Nickel	11/19/98	0.0020	0.0005
Potassium	11/19/98	0.04	0.02
Selenium	11/19/98	ND	0.002
Silver	11/19/98	ND	0.003
Sodium	11/19/98	0.52	0.02
Thallium	11/19/98	ND	0.003
Vanadium	11/19/98	ND	0.001
Zinc	11/19/98	0.010	0.001

ND = Not Detected, MDL = Method Detection Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058
Sample Prepared: 11/18/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/19/98	0.09	0.01
Antimony	11/19/98	0.007	0.002
Arsenic	11/19/98	ND	0.002
Barium	11/19/98	0.0039	0.0005
Beryllium	11/19/98	ND	0.0005
Cadmium	11/19/98	0.0012	0.0005
Calcium	11/19/98	0.42	0.02
Chromium	11/19/98	ND	0.0005
Cobalt	11/19/98	ND	0.0005
Copper	11/19/98	0.015	0.003
Iron	11/19/98	0.06	0.01
Lead	11/19/98	0.003	0.002
Magnesium	11/19/98	0.10	0.02
Manganese	11/19/98	0.0016	0.0005
Mercury	11/23/98	ND	0.0001
Nickel	11/19/98	0.0020	0.0005
Potassium	11/19/98	0.04	0.02
Selenium	11/19/98	ND	0.002
Silver	11/19/98	ND	0.003
Sodium	11/19/98	0.52	0.02
Thallium	11/19/98	ND	0.003
Vanadium	11/19/98	ND	0.001
Zinc	11/19/98	0.010	0.001

ND = Not Detected, MDL = Method Detection Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067
Sample Prepared: 11/18/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/19/98	0.09	0.01
Antimony	11/19/98	0.007	0.002
Arsenic	11/19/98	ND	0.002
Barium	11/19/98	0.0039	0.0005
Beryllium	11/19/98	ND	0.0005
Cadmium	11/19/98	0.0012	0.0005
Calcium	11/19/98	0.42	0.02
Chromium	11/19/98	ND	0.0005
Cobalt	11/19/98	ND	0.0005
Copper	11/19/98	0.015	0.003
Iron	11/19/98	0.06	0.01
Lead	11/19/98	0.003	0.002
Magnesium	11/19/98	0.10	0.02
Manganese	11/19/98	0.0016	0.0005
Mercury	11/23/98	ND	0.0001
Nickel	11/19/98	0.0020	0.0005
Potassium	11/19/98	0.04	0.02
Selenium	11/19/98	ND	0.002
Silver	11/19/98	ND	0.003
Sodium	11/19/98	0.52	0.02
Thallium	11/19/98	ND	0.003
Vanadium	11/19/98	ND	0.001
Zinc	11/19/98	0.010	0.001

ND = Not Detected, MDL = Method Detection Limit

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4068
Sample Prepared: 11/18/98

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Method Blank

TAL-METALS RESULTS SUMMARY (mg/L)

Element	Date of Analysis	Result	MDL
Aluminum	11/19/98	0.09	0.01
Antimony	11/19/98	0.007	0.002
Arsenic	11/19/98	ND	0.002
Barium	11/19/98	0.0039	0.0005
Beryllium	11/19/98	ND	0.0005
Cadmium	11/19/98	0.0012	0.0005
Calcium	11/19/98	0.42	0.02
Chromium	11/19/98	ND	0.0005
Cobalt	11/19/98	ND	0.0005
Copper	11/19/98	0.015	0.003
Iron	11/19/98	0.06	0.01
Lead	11/19/98	0.003	0.002
Magnesium	11/19/98	0.10	0.02
Manganese	11/19/98	0.0016	0.0005
Mercury	11/23/98	ND	0.0001
Nickel	11/19/98	0.0020	0.0005
Potassium	11/19/98	0.04	0.02
Selenium	11/19/98	ND	0.002
Silver	11/19/98	ND	0.003
Sodium	11/19/98	0.52	0.02
Thallium	11/19/98	ND	0.003
Vanadium	11/19/98	ND	0.001
Zinc	11/19/98	0.010	0.001

ND = Not Detected, MDL = Method Detection Limit

FIELD DUPLICATES

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.32
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	11300	NLE	1.124
Antimony	10/26/98	1.60	14	0.225
Arsenic	10/26/98	21.2	20	0.225
Barium	10/26/98	27.9	700	0.056
Beryllium	10/26/98	1.33	1	0.056
Cadmium	10/26/98	0.364	1	0.056
Calcium	10/26/98	1760	NLE	2.249
Chromium	10/26/98	139	NLE	0.056
Cobalt	10/26/98	1.12	NLE	0.056
Copper	10/26/98	46.5	600	0.337
Iron	10/26/98	30200	NLE	1.124
Lead	10/26/98	77.6	100	0.225
Magnesium	10/26/98	4420	NLE	2.249
Manganese	10/26/98	84.0	NLE	0.056
Mercury	10/01/98	ND	14	0.012
Nickel	10/26/98	6.17	250	0.056
Potassium	10/26/98	8120	NLE	2.249
Selenium	10/26/98	ND	63	0.337
Silver	10/26/98	ND	110	0.337
Sodium	10/26/98	106	NLE	2.249
Thallium	10/26/98	ND	2	0.337
Vanadium	10/26/98	46.7	370	0.112
Zinc	10/26/98	149	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.42
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	12900	NLE	1.032
Antimony	10/26/98	1.85	14	0.206
Arsenic	10/26/98	22.0	20	0.206
Barium	10/26/98	38.2	700	0.052
Beryllium	10/26/98	1.61	1	0.052
Cadmium	10/26/98	0.164	1	0.052
Calcium	10/26/98	2600	NLE	2.065
Chromium	10/26/98	156	NLE	0.052
Cobalt	10/26/98	1.99	NLE	0.052
Copper	10/26/98	7.83	600	0.310
Iron	10/26/98	43200	NLE	1.032
Lead	10/26/98	9.05	100	0.206
Magnesium	10/26/98	5490	NLE	2.065
Manganese	10/26/98	26.4	NLE	0.052
Mercury	10/21/98	0.034	14	0.012
Nickel	10/26/98	8.31	250	0.052
Potassium	10/26/98	11700	NLE	2.065
Selenium	10/26/98	ND	63	0.310
Silver	10/26/98	ND	110	0.310
Sodium	10/26/98	130	NLE	2.065
Thallium	10/26/98	ND	2	0.310
Vanadium	10/26/98	30.5	370	0.103
Zinc	10/26/98	66.5	1500	0.103

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.24
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	15500	NLE	1.020
Antimony	10/26/98	2.67	14	0.204
Arsenic	10/26/98	11.8	20	0.204
Barium	10/26/98	51.1	700	0.051
Beryllium	10/26/98	2.65	1	0.051
Cadmium	10/26/98	0.377	1	0.051
Calcium	10/26/98	486	NLE	2.040
Chromium	10/26/98	173	NLE	0.051
Cobalt	10/26/98	3.5	NLE	0.051
Copper	10/26/98	58.8	600	0.306
Iron	10/26/98	64200	NLE	1.020
Lead	10/26/98	128	100	0.204
Magnesium	10/26/98	7960	NLE	2.040
Manganese	10/26/98	39.7	NLE	0.051
Mercury	10/29/98	2.832	14	0.011
Nickel	10/26/98	13.1	250	0.051
Potassium	10/26/98	21800	NLE	2.040
Selenium	10/26/98	ND	63	0.306
Silver	10/26/98	ND	110	0.306
Sodium	10/26/98	69.9	NLE	2.040
Thallium	10/26/98	ND	2	0.306
Vanadium	10/26/98	37.6	370	0.102
Zinc	10/26/98	163	1500	0.102

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4009.32
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	10600	NLE	1.804
Antimony	11/16/98	0.388	14	0.361
Arsenic	11/16/98	18.2	20	0.361
Barium	11/16/98	48.8	700	0.090
Beryllium	11/16/98	1.32	1	0.090
Cadmium	11/16/98	0.233	1	0.090
Calcium	11/16/98	5600	NLE	3.607
Chromium	11/16/98	132	NLE	0.090
Cobalt	11/16/98	2.45	NLE	0.090
Copper	11/16/98	11.1	600	0.541
Iron	11/16/98	37600	NLE	1.804
Lead	11/16/98	118	100	0.361
Magnesium	11/16/98	4310	NLE	3.607
Manganese	11/16/98	41.2	NLE	0.090
Mercury	10/29/98	0.106	14	0.012
Nickel	11/16/98	7.17	250	0.090
Potassium	11/16/98	7890	NLE	3.607
Selenium	11/16/98	1.05	63	0.541
Silver	11/16/98	ND	110	0.541
Sodium	11/16/98	138	NLE	3.607
Thallium	11/16/98	ND	2	0.541
Vanadium	11/16/98	34.9	370	0.180
Zinc	11/16/98	78.7	1500	0.180

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.32
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	9370	NLE	1.240
Antimony	11/16/98	ND	14	0.248
Arsenic	11/16/98	9.79	20	0.248
Barium	11/16/98	37.0	700	0.062
Beryllium	11/16/98	0.824	1	0.062
Cadmium	11/16/98	ND	1	0.062
Calcium	11/16/98	629	NLE	2.481
Chromium	11/16/98	77.8	NLE	0.062
Cobalt	11/16/98	1.63	NLE	0.062
Copper	11/16/98	6.76	600	0.372
Iron	11/16/98	23500	NLE	1.240
Lead	11/16/98	9.33	100	0.248
Magnesium	11/16/98	2160	NLE	2.481
Manganese	11/16/98	28.1	NLE	0.062
Mercury	11/17/98	0.039	14	0.012
Nickel	11/16/98	5.17	250	0.062
Potassium	11/16/98	3540	NLE	2.481
Selenium	11/16/98	0.471	63	0.372
Silver	11/16/98	ND	110	0.372
Sodium	11/16/98	237	NLE	2.481
Thallium	11/16/98	ND	2	0.372
Vanadium	11/16/98	31.9	370	0.124
Zinc	11/16/98	39.5	1500	0.124

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.32
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10800	NLE	1.580
Antimony	11/19/98	ND	14	0.316
Arsenic	11/19/98	11.5	20	0.316
Barium	11/19/98	32.9	700	0.079
Beryllium	11/19/98	1.72	1	0.079
Cadmium	11/19/98	0.500	1	0.079
Calcium	11/19/98	1160	NLE	3.159
Chromium	11/19/98	115	NLE	0.079
Cobalt	11/19/98	2.12	NLE	0.079
Copper	11/19/98	6.95	600	0.474
Iron	11/19/98	41300	NLE	1.580
Lead	11/19/98	159	100	0.316
Magnesium	11/19/98	4740	NLE	3.159
Manganese	11/19/98	31.3	NLE	0.079
Mercury	11/17/98	0.050	14	0.012
Nickel	11/19/98	6.38	250	0.079
Potassium	11/19/98	9380	NLE	3.159
Selenium	11/19/98	0.733	63	0.474
Silver	11/19/98	ND	110	0.474
Sodium	11/19/98	202	NLE	3.159
Thallium	11/19/98	ND	2	0.474
Vanadium	11/19/98	31.6	370	0.158
Zinc	11/19/98	80.7	1500	0.158

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.32
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: Field Dup, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	13300	NLE	1.727
Antimony	11/19/98	ND	14	0.345
Arsenic	11/19/98	11.3	20	0.345
Barium	11/19/98	72.4	700	0.086
Beryllium	11/19/98	2.03	1	0.086
Cadmium	11/19/98	0.243	1	0.086
Calcium	11/19/98	406	NLE	3.453
Chromium	11/19/98	165	NLE	0.086
Cobalt	11/19/98	1.81	NLE	0.086
Copper	11/19/98	2.48	600	0.518
Iron	11/19/98	48200	NLE	1.727
Lead	11/19/98	50.0	100	0.345
Magnesium	11/19/98	6650	NLE	3.453
Manganese	11/19/98	23.2	NLE	0.086
Mercury	11/23/98	ND	14	0.024
Nickel	11/19/98	5.32	250	0.086
Potassium	11/19/98	13700	NLE	3.453
Selenium	11/19/98	0.655	63	0.518
Silver	11/19/98	ND	110	0.518
Sodium	11/19/98	133	NLE	3.453
Thallium	11/19/98	ND	2	0.518
Vanadium	11/19/98	48.4	370	0.173
Zinc	11/19/98	83.2	1500	0.173

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

SAMPLES

METHOD BLANKS

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.02
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-1, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	7700	NLE	1.227
Antimony	10/26/98	1.25	14	0.245
Arsenic	10/26/98	10.5	20	0.245
Barium	10/26/98	40.4	700	0.061
Beryllium	10/26/98	1.27	1	0.061
Cadmium	10/26/98	0.173	1	0.061
Calcium	10/26/98	766	NLE	2.454
Chromium	10/26/98	85	NLE	0.061
Cobalt	10/26/98	3.15	NLE	0.061
Copper	10/26/98	24.2	600	0.368
Iron	10/26/98	27200	NLE	1.227
Lead	10/26/98	35.6	100	0.245
Magnesium	10/26/98	3130	NLE	2.454
Manganese	10/26/98	17.8	NLE	0.061
Mercury	10/01/98	0.108	14	0.013
Nickel	10/26/98	8.28	250	0.061
Potassium	10/26/98	6860	NLE	2.454
Selenium	10/26/98	ND	63	0.368
Silver	10/26/98	ND	110	0.368
Sodium	10/26/98	114	NLE	2.454
Thallium	10/26/98	ND	2	0.368
Vanadium	10/26/98	35.1	370	0.123
Zinc	10/26/98	115	1500	0.123

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.04
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-2, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	9100	NLE	1.145
Antimony	10/26/98	1.27	14	0.229
Arsenic	10/26/98	16	20	0.229
Barium	10/26/98	49	700	0.057
Beryllium	10/26/98	1.17	1	0.057
Cadmium	10/26/98	0.277	1	0.057
Calcium	10/26/98	738	NLE	2.291
Chromium	10/26/98	104	NLE	0.057
Cobalt	10/26/98	1.99	NLE	0.057
Copper	10/26/98	76.9	600	0.344
Iron	10/26/98	25100	NLE	1.145
Lead	10/26/98	89.5	100	0.229
Magnesium	10/26/98	3100	NLE	2.291
Manganese	10/26/98	136	NLE	0.057
Mercury	10/01/98	0.157	14	0.012
Nickel	10/26/98	5.75	250	0.057
Potassium	10/26/98	5880	NLE	2.291
Selenium	10/26/98	ND	63	0.344
Silver	10/26/98	ND	110	0.344
Sodium	10/26/98	68.4	NLE	2.291
Thallium	10/26/98	ND	2	0.344
Vanadium	10/26/98	34.5	370	0.115
Zinc	10/26/98	172	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.06
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-3, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	10300	NLE	1.041
Antimony	10/26/98	1.23	14	0.208
Arsenic	10/26/98	16.3	20	0.208
Barium	10/26/98	28.7	700	0.052
Beryllium	10/26/98	1.1	1	0.052
Cadmium	10/26/98	0.125	1	0.052
Calcium	10/26/98	1050	NLE	2.083
Chromium	10/26/98	106	NLE	0.052
Cobalt	10/26/98	1.07	NLE	0.052
Copper	10/26/98	51.6	600	0.312
Iron	10/26/98	25900	NLE	1.041
Lead	10/26/98	106	100	0.208
Magnesium	10/26/98	3400	NLE	2.083
Manganese	10/26/98	63.6	NLE	0.052
Mercury	10/01/98	0.091	14	0.012
Nickel	10/26/98	5.4	250	0.052
Potassium	10/26/98	6320	NLE	2.083
Selenium	10/26/98	ND	63	0.312
Silver	10/26/98	ND	110	0.312
Sodium	10/26/98	77.8	NLE	2.083
Thallium	10/26/98	ND	2	0.312
Vanadium	10/26/98	41.4	370	0.104
Zinc	10/26/98	82.8	1500	0.104

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.08
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-4, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2700	NLE	1.107
Antimony	10/26/98	ND	14	0.221
Arsenic	10/26/98	6.07	20	0.221
Barium	10/26/98	119	700	0.055
Beryllium	10/26/98	0.594	1	0.055
Cadmium	10/26/98	0.0827	1	0.055
Calcium	10/26/98	1530	NLE	2.214
Chromium	10/26/98	8.15	NLE	0.055
Cobalt	10/26/98	1.62	NLE	0.055
Copper	10/26/98	16.7	600	0.332
Iron	10/26/98	5850	NLE	1.107
Lead	10/26/98	5.72	100	0.221
Magnesium	10/26/98	253	NLE	2.214
Manganese	10/26/98	14.6	NLE	0.055
Mercury	10/01/98	0.557	14	0.011
Nickel	10/26/98	4.77	250	0.055
Potassium	10/26/98	641	NLE	2.214
Selenium	10/26/98	ND	63	0.332
Silver	10/26/98	ND	110	0.332
Sodium	10/26/98	111	NLE	2.214
Thallium	10/26/98	ND	2	0.332
Vanadium	10/26/98	12.4	370	0.111
Zinc	10/26/98	12.4	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.10
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-5, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	5190	NLE	1.099
Antimony	10/26/98	ND	14	0.220
Arsenic	10/26/98	6.33	20	0.220
Barium	10/26/98	141	700	0.055
Beryllium	10/26/98	0.716	1	0.055
Cadmium	10/26/98	0.495	1	0.055
Calcium	10/26/98	2020	NLE	2.199
Chromium	10/26/98	10.5	NLE	0.055
Cobalt	10/26/98	2.7	NLE	0.055
Copper	10/26/98	12.2	600	0.330
Iron	10/26/98	8180	NLE	1.099
Lead	10/26/98	5.29	100	0.220
Magnesium	10/26/98	273	NLE	2.199
Manganese	10/26/98	14.2	NLE	0.055
Mercury	10/01/98	0.487	14	0.010
Nickel	10/26/98	7.53	250	0.055
Potassium	10/26/98	564	NLE	2.199
Selenium	10/26/98	ND	63	0.330
Silver	10/26/98	ND	110	0.330
Sodium	10/26/98	160	NLE	2.199
Thallium	10/26/98	ND	2	0.330
Vanadium	10/26/98	13.9	370	0.110
Zinc	10/26/98	14.2	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.12
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-6, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	3590	NLE	1.095
Antimony	10/26/98	0.82	14	0.219
Arsenic	10/26/98	20.3	20	0.219
Barium	10/26/98	63.1	700	0.055
Beryllium	10/26/98	0.515	1	0.055
Cadmium	10/26/98	0.265	1	0.055
Calcium	10/26/98	1380	NLE	2.191
Chromium	10/26/98	30.4	NLE	0.055
Cobalt	10/26/98	2.76	NLE	0.055
Copper	10/26/98	63.6	600	0.329
Iron	10/26/98	21800	NLE	1.095
Lead	10/26/98	49	100	0.219
Magnesium	10/26/98	945	NLE	2.191
Manganese	10/26/98	31.1	NLE	0.055
Mercury	10/01/98	0.027	14	0.011
Nickel	10/26/98	12.4	250	0.055
Potassium	10/26/98	2500	NLE	2.191
Selenium	10/26/98	4.72	63	0.329
Silver	10/26/98	ND	110	0.329
Sodium	10/26/98	119	NLE	2.191
Thallium	10/26/98	ND	2	0.329
Vanadium	10/26/98	19.2	370	0.110
Zinc	10/26/98	48.7	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
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Ft. Monmouth, NJ 07703

Lab ID #: 3923.14
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-7, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	1940	NLE	1.139
Antimony	10/26/98	1.13	14	0.228
Arsenic	10/26/98	18.4	20	0.228
Barium	10/26/98	29.8	700	0.057
Beryllium	10/26/98	0.416	1	0.057
Cadmium	10/26/98	0.128	1	0.057
Calcium	10/26/98	464	NLE	2.279
Chromium	10/26/98	9.25	NLE	0.057
Cobalt	10/26/98	2.9	NLE	0.057
Copper	10/26/98	37.7	600	0.342
Iron	10/26/98	12000	NLE	1.139
Lead	10/26/98	37.1	100	0.228
Magnesium	10/26/98	165	NLE	2.279
Manganese	10/26/98	31.3	NLE	0.057
Mercury	10/01/98	0.064	14	0.010
Nickel	10/26/98	10.6	250	0.057
Potassium	10/26/98	412	NLE	2.279
Selenium	10/26/98	10.7	63	0.342
Silver	10/26/98	ND	110	0.342
Sodium	10/26/98	65.6	NLE	2.279
Thallium	10/26/98	ND	2	0.342
Vanadium	10/26/98	14.5	370	0.114
Zinc	10/26/98	26	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.16
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-8, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	9660	NLE	0.933
Antimony	10/26/98	0.255	14	0.187
Arsenic	10/26/98	7.27	20	0.187
Barium	10/26/98	31.7	700	0.047
Beryllium	10/26/98	0.685	1	0.047
Cadmium	10/26/98	0.127	1	0.047
Calcium	10/26/98	876	NLE	1.866
Chromium	10/26/98	49.3	NLE	0.047
Cobalt	10/26/98	2.09	NLE	0.047
Copper	10/26/98	19.3	600	0.280
Iron	10/26/98	16400	NLE	0.933
Lead	10/26/98	36.9	100	0.187
Magnesium	10/26/98	1860	NLE	1.866
Manganese	10/26/98	73.5	NLE	0.047
Mercury	10/01/98	0.065	14	0.010
Nickel	10/26/98	6.66	250	0.047
Potassium	10/26/98	5190	NLE	1.866
Selenium	10/26/98	ND	63	0.280
Silver	10/26/98	ND	110	0.280
Sodium	10/26/98	160	NLE	1.866
Thallium	10/26/98	ND	2	0.280
Vanadium	10/26/98	34.5	370	0.093
Zinc	10/26/98	58.2	1500	0.093

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
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Ft. Monmouth, NJ 07703

Lab ID #: 3923.18
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-9, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2900	NLE	1.011
Antimony	10/26/98	0.618	14	0.202
Arsenic	10/26/98	2	20	0.202
Barium	10/26/98	32.6	700	0.051
Beryllium	10/26/98	0.355	1	0.051
Cadmium	10/26/98	ND	1	0.051
Calcium	10/26/98	751	NLE	2.022
Chromium	10/26/98	10.8	NLE	0.051
Cobalt	10/26/98	3.32	NLE	0.051
Copper	10/26/98	26	600	0.303
Iron	10/26/98	4230	NLE	1.011
Lead	10/26/98	355	100	0.202
Magnesium	10/26/98	196	NLE	2.022
Manganese	10/26/98	11.6	NLE	0.051
Mercury	10/01/98	0.085	14	0.012
Nickel	10/26/98	9.7	250	0.051
Potassium	10/26/98	468	NLE	2.022
Selenium	10/26/98	0.32	63	0.303
Silver	10/26/98	ND	110	0.303
Sodium	10/26/98	161	NLE	2.022
Thallium	10/26/98	ND	2	0.303
Vanadium	10/26/98	13.9	370	0.101
Zinc	10/26/98	417	1500	0.101

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.20
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-10, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	4560	NLE	1.237
Antimony	10/26/98	ND	14	0.247
Arsenic	10/26/98	3.14	20	0.247
Barium	10/26/98	30.7	700	0.062
Beryllium	10/26/98	0.498	1	0.062
Cadmium	10/26/98	0.304	1	0.062
Calcium	10/26/98	325	NLE	2.473
Chromium	10/26/98	17.9	NLE	0.062
Cobalt	10/26/98	2.98	NLE	0.062
Copper	10/26/98	46.4	600	0.371
Iron	10/26/98	5470	NLE	1.237
Lead	10/26/98	42.9	100	0.247
Magnesium	10/26/98	620	NLE	2.473
Manganese	10/26/98	22.4	NLE	0.062
Mercury	10/01/98	0.035	14	0.012
Nickel	10/26/98	10.1	250	0.062
Potassium	10/26/98	1560	NLE	2.473
Selenium	10/26/98	ND	63	0.371
Silver	10/26/98	ND	110	0.371
Sodium	10/26/98	127	NLE	2.473
Thallium	10/26/98	ND	2	0.371
Vanadium	10/26/98	17.9	370	0.124
Zinc	10/26/98	31.8	1500	0.124

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.22
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-11, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	4710	NLE	1.208
Antimony	10/26/98	ND	14	0.242
Arsenic	10/26/98	4.25	20	0.242
Barium	10/26/98	32.2	700	0.060
Beryllium	10/26/98	0.811	1	0.060
Cadmium	10/26/98	0.249	1	0.060
Calcium	10/26/98	449	NLE	2.416
Chromium	10/26/98	14.8	NLE	0.060
Cobalt	10/26/98	4.73	NLE	0.060
Copper	10/26/98	58.5	600	0.362
Iron	10/26/98	3260	NLE	1.208
Lead	10/26/98	35.2	100	0.242
Magnesium	10/26/98	213	NLE	2.416
Manganese	10/26/98	8.06	NLE	0.060
Mercury	10/01/98	0.282	14	0.012
Nickel	10/26/98	14.8	250	0.060
Potassium	10/26/98	731	NLE	2.416
Selenium	10/26/98	1.29	63	0.362
Silver	10/26/98	ND	110	0.362
Sodium	10/26/98	129	NLE	2.416
Thallium	10/26/98	ND	2	0.362
Vanadium	10/26/98	18.1	370	0.121
Zinc	10/26/98	21.7	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.24
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-12, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	1140	NLE	0.997
Antimony	10/26/98	ND	14	0.199
Arsenic	10/26/98	2.35	20	0.199
Barium	10/26/98	22.4	700	0.050
Beryllium	10/26/98	0.166	1	0.050
Cadmium	10/26/98	0.158	1	0.050
Calcium	10/26/98	586	NLE	1.994
Chromium	10/26/98	3.16	NLE	0.050
Cobalt	10/26/98	1.68	NLE	0.050
Copper	10/26/98	10.6	600	0.299
Iron	10/26/98	1330	NLE	0.997
Lead	10/26/98	6.89	100	0.199
Magnesium	10/26/98	87.8	NLE	1.994
Manganese	10/26/98	8.88	NLE	0.050
Mercury	10/01/98	0.028	14	0.011
Nickel	10/26/98	4.35	250	0.050
Potassium	10/26/98	129	NLE	1.994
Selenium	10/26/98	ND	63	0.299
Silver	10/26/98	ND	110	0.299
Sodium	10/26/98	71.9	NLE	1.994
Thallium	10/26/98	ND	2	0.299
Vanadium	10/26/98	5.7	370	0.100
Zinc	10/26/98	12.2	1500	0.100

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.26
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-13, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8050	NLE	1.150
Antimony	10/26/98	ND	14	0.230
Arsenic	10/26/98	6.21	20	0.230
Barium	10/26/98	81.7	700	0.057
Beryllium	10/26/98	0.791	1	0.057
Cadmium	10/26/98	ND	1	0.057
Calcium	10/26/98	604	NLE	2.299
Chromium	10/26/98	19.5	NLE	0.057
Cobalt	10/26/98	5.15	NLE	0.057
Copper	10/26/98	97	600	0.345
Iron	10/26/98	6450	NLE	1.150
Lead	10/26/98	31.9	100	0.230
Magnesium	10/26/98	418	NLE	2.299
Manganese	10/26/98	19.3	NLE	0.057
Mercury	10/01/98	0.045	14	0.012
Nickel	10/26/98	16.8	250	0.057
Potassium	10/26/98	1350	NLE	2.299
Selenium	10/26/98	1.46	63	0.345
Silver	10/26/98	ND	110	0.345
Sodium	10/26/98	287	NLE	2.299
Thallium	10/26/98	ND	2	0.345
Vanadium	10/26/98	24.8	370	0.115
Zinc	10/26/98	15.6	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.28
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-14, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8920	NLE	1.049
Antimony	10/26/98	1.11	14	0.210
Arsenic	10/26/98	14.9	20	0.210
Barium	10/26/98	25.3	700	0.052
Beryllium	10/26/98	1.05	1	0.052
Cadmium	10/26/98	ND	1	0.052
Calcium	10/26/98	122	NLE	2.098
Chromium	10/26/98	103	NLE	0.052
Cobalt	10/26/98	1.27	NLE	0.052
Copper	10/26/98	33.6	600	0.315
Iron	10/26/98	28100	NLE	1.049
Lead	10/26/98	40	100	0.210
Magnesium	10/26/98	3580	NLE	2.098
Manganese	10/26/98	30	NLE	0.052
Mercury	10/01/98	0.109	14	0.011
Nickel	10/26/98	4.65	250	0.052
Potassium	10/26/98	7680	NLE	2.098
Selenium	10/26/98	ND	63	0.315
Silver	10/26/98	ND	110	0.315
Sodium	10/26/98	121	NLE	2.098
Thallium	10/26/98	ND	2	0.315
Vanadium	10/26/98	43.2	370	0.105
Zinc	10/26/98	40.8	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.30
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-15, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	14500	NLE	1.031
Antimony	10/26/98	0.749	14	0.206
Arsenic	10/26/98	18.5	20	0.206
Barium	10/26/98	18	700	0.052
Beryllium	10/26/98	0.828	1	0.052
Cadmium	10/26/98	ND	1	0.052
Calcium	10/26/98	845	NLE	2.063
Chromium	10/26/98	93.2	NLE	0.052
Cobalt	10/26/98	1.04	NLE	0.052
Copper	10/26/98	16.2	600	0.309
Iron	10/26/98	25000	NLE	1.031
Lead	10/26/98	13.5	100	0.206
Magnesium	10/26/98	3170	NLE	2.063
Manganese	10/26/98	45.4	NLE	0.052
Mercury	10/01/98	0.022	14	0.012
Nickel	10/26/98	4.38	250	0.052
Potassium	10/26/98	4880	NLE	2.063
Selenium	10/26/98	ND	63	0.309
Silver	10/26/98	ND	110	0.309
Sodium	10/26/98	76.4	NLE	2.063
Thallium	10/26/98	ND	2	0.309
Vanadium	10/26/98	51.5	370	0.103
Zinc	10/26/98	63.3	1500	0.103

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3923.32
Sample Received:09/29/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-16, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	12300	NLE	1.160
Antimony	10/26/98	0.577	14	0.232
Arsenic	10/26/98	14.1	20	0.232
Barium	10/26/98	24.7	700	0.058
Beryllium	10/26/98	0.731	1	0.058
Cadmium	10/26/98	0.146	1	0.058
Calcium	10/26/98	799	NLE	2.320
Chromium	10/26/98	81.8	NLE	0.058
Cobalt	10/26/98	1.07	NLE	0.058
Copper	10/26/98	22.8	600	0.348
Iron	10/26/98	24400	NLE	1.160
Lead	10/26/98	28.6	100	0.232
Magnesium	10/26/98	2870	NLE	2.320
Manganese	10/26/98	41.5	NLE	0.058
Mercury	10/01/98	ND	14	0.011
Nickel	10/26/98	4.43	250	0.058
Potassium	10/26/98	4150	NLE	2.320
Selenium	10/26/98	ND	63	0.348
Silver	10/26/98	ND	110	0.348
Sodium	10/26/98	68.5	NLE	2.320
Thallium	10/26/98	ND	2	0.348
Vanadium	10/26/98	45.3	370	0.116
Zinc	10/26/98	79.9	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.02
Sample Received:09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-17, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	12700	NLE	1.053
Antimony	10/26/98	1.40	14	0.211
Arsenic	10/26/98	18.4	20	0.211
Barium	10/26/98	60.0	700	0.053
Beryllium	10/26/98	1.06	1	0.053
Cadmium	10/26/98	0.824	1	0.053
Calcium	10/26/98	1360	NLE	2.105
Chromium	10/26/98	125	NLE	0.053
Cobalt	10/26/98	1.46	NLE	0.053
Copper	10/26/98	160	600	0.316
Iron	10/26/98	26500	NLE	1.053
Lead	10/26/98	471	100	0.211
Magnesium	10/26/98	3740	NLE	2.105
Manganese	10/26/98	224	NLE	0.053
Mercury	10/01/98	0.159	14	0.011
Nickel	10/26/98	7.89	250	0.053
Potassium	10/26/98	6700	NLE	2.105
Selenium	10/26/98	ND	63	0.316
Silver	10/26/98	ND	110	0.316
Sodium	10/26/98	105	NLE	2.105
Thallium	10/26/98	ND	2	0.316
Vanadium	10/26/98	53.4	370	0.105
Zinc	10/26/98	481	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.04
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-18, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	9080	NLE	1.077
Antimony	10/26/98	0.838	14	0.215
Arsenic	10/26/98	18.8	20	0.215
Barium	10/26/98	54.9	700	0.054
Beryllium	10/26/98	0.834	1	0.054
Cadmium	10/26/98	0.395	1	0.054
Calcium	10/26/98	1350	NLE	2.153
Chromium	10/26/98	91.4	NLE	0.054
Cobalt	10/26/98	1.20	NLE	0.054
Copper	10/26/98	126	600	0.323
Iron	10/26/98	21800	NLE	1.077
Lead	10/26/98	206	100	0.215
Magnesium	10/26/98	2660	NLE	2.153
Manganese	10/26/98	140	NLE	0.054
Mercury	10/01/98	0.070	14	0.011
Nickel	10/26/98	5.66	250	0.054
Potassium	10/26/98	4490	NLE	2.153
Selenium	10/26/98	ND	63	0.323
Silver	10/26/98	ND	110	0.323
Sodium	10/26/98	84.2	NLE	2.153
Thallium	10/26/98	ND	2	0.323
Vanadium	10/26/98	31.1	370	0.108
Zinc	10/26/98	311	1500	0.108

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.06
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-19, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8020	NLE	1.156
Antimony	10/26/98	1.24	14	0.231
Arsenic	10/26/98	17.8	20	0.231
Barium	10/26/98	44.5	700	0.058
Beryllium	10/26/98	0.748	1	0.058
Cadmium	10/26/98	0.405	1	0.058
Calcium	10/26/98	1710	NLE	2.313
Chromium	10/26/98	78.2	NLE	0.058
Cobalt	10/26/98	0.767	NLE	0.058
Copper	10/26/98	53.8	600	0.347
Iron	10/26/98	20300	NLE	1.156
Lead	10/26/98	114	100	0.231
Magnesium	10/26/98	2280	NLE	2.313
Manganese	10/26/98	50.7	NLE	0.058
Mercury	10/01/98	0.089	14	0.011
Nickel	10/26/98	4.77	250	0.058
Potassium	10/26/98	5720	NLE	2.313
Selenium	10/26/98	ND	63	0.347
Silver	10/26/98	0.426	110	0.347
Sodium	10/26/98	53.7	NLE	2.313
Thallium	10/26/98	ND	2	0.347
Vanadium	10/26/98	28.4	370	0.116
Zinc	10/26/98	280	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.08
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-20, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8140	NLE	1.092
Antimony	10/26/98	1.23	14	0.218
Arsenic	10/26/98	18.3	20	0.218
Barium	10/26/98	28.7	700	0.055
Beryllium	10/26/98	0.900	1	0.055
Cadmium	10/26/98	0.253	1	0.055
Calcium	10/26/98	1770	NLE	2.184
Chromium	10/26/98	89.9	NLE	0.055
Cobalt	10/26/98	1.20	NLE	0.055
Copper	10/26/98	40.9	600	0.328
Iron	10/26/98	21700	NLE	1.092
Lead	10/26/98	78.8	100	0.218
Magnesium	10/26/98	2750	NLE	2.184
Manganese	10/26/98	79.8	NLE	0.055
Mercury	10/01/98	0.048	14	0.011
Nickel	10/26/98	5.61	250	0.055
Potassium	10/26/98	4780	NLE	2.184
Selenium	10/26/98	ND	63	0.328
Silver	10/26/98	ND	110	0.328
Sodium	10/26/98	89.4	NLE	2.184
Thallium	10/26/98	ND	2	0.328
Vanadium	10/26/98	30.6	370	0.109
Zinc	10/26/98	130	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.10
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-21, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2480	NLE	1.173
Antimony	10/26/98	ND	14	0.235
Arsenic	10/26/98	2.80	20	0.235
Barium	10/26/98	27.5	700	0.059
Beryllium	10/26/98	0.424	1	0.059
Cadmium	10/26/98	0.114	1	0.059
Calcium	10/26/98	562	NLE	2.346
Chromium	10/26/98	7.64	NLE	0.059
Cobalt	10/26/98	4.85	NLE	0.059
Copper	10/26/98	24.4	600	0.352
Iron	10/26/98	3090	NLE	1.173
Lead	10/26/98	5.63	100	0.235
Magnesium	10/26/98	189	NLE	2.346
Manganese	10/26/98	25.6	NLE	0.059
Mercury	10/01/98	ND	14	0.011
Nickel	10/26/98	14.7	250	0.059
Potassium	10/26/98	338	NLE	2.346
Selenium	10/26/98	0.61	63	0.352
Silver	10/26/98	ND	110	0.352
Sodium	10/26/98	120	NLE	2.346
Thallium	10/26/98	ND	2	0.352
Vanadium	10/26/98	15.5	370	0.117
Zinc	10/26/98	6.58	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.12
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-22, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	4110	NLE	1.106
Antimony	10/26/98	ND	14	0.221
Arsenic	10/26/98	3.23	20	0.221
Barium	10/26/98	41.5	700	0.055
Beryllium	10/26/98	0.509	1	0.055
Cadmium	10/26/98	0.205	1	0.055
Calcium	10/26/98	1320	NLE	2.213
Chromium	10/26/98	7.51	NLE	0.055
Cobalt	10/26/98	3.27	NLE	0.055
Copper	10/26/98	24.6	600	0.332
Iron	10/26/98	2810	NLE	1.106
Lead	10/26/98	23.7	100	0.221
Magnesium	10/26/98	301	NLE	2.213
Manganese	10/26/98	17.5	NLE	0.055
Mercury	10/01/98	0.044	14	0.012
Nickel	10/26/98	10.3	250	0.055
Potassium	10/26/98	683	NLE	2.213
Selenium	10/26/98	0.741	63	0.332
Silver	10/26/98	ND	110	0.332
Sodium	10/26/98	121	NLE	2.213
Thallium	10/26/98	ND	2	0.332
Vanadium	10/26/98	16.5	370	0.111
Zinc	10/26/98	46.2	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.14
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-23, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	3010	NLE	1.104
Antimony	10/26/98	0.645	14	0.221
Arsenic	10/26/98	3.73	20	0.221
Barium	10/26/98	65.4	700	0.055
Beryllium	10/26/98	0.487	1	0.055
Cadmium	10/26/98	0.166	1	0.055
Calcium	10/26/98	1110	NLE	2.208
Chromium	10/26/98	5.09	NLE	0.055
Cobalt	10/26/98	2.12	NLE	0.055
Copper	10/26/98	17.2	600	0.331
Iron	10/26/98	3720	NLE	1.104
Lead	10/26/98	122	100	0.221
Magnesium	10/26/98	155	NLE	2.208
Manganese	10/26/98	12.3	NLE	0.055
Mercury	10/01/98	0.069	14	0.011
Nickel	10/26/98	8..91	250	0.055
Potassium	10/26/98	311	NLE	2.208
Selenium	10/26/98	0.446	63	0.331
Silver	10/26/98	ND	110	0.331
Sodium	10/26/98	88.6	NLE	2.208
Thallium	10/26/98	ND	2	0.331
Vanadium	10/26/98	12.1	370	0.110
Zinc	10/26/98	24.8	1500	0.110

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Client: U.S. Army
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Ft. Monmouth, NJ 07703

Lab ID #: 3929.16
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-24, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	4340	NLE	1.165
Antimony	10/26/98	ND	14	0.233
Arsenic	10/26/98	4.70	20	0.233
Barium	10/26/98	56.8	700	0.058
Beryllium	10/26/98	0.711	1	0.058
Cadmium	10/26/98	0.54	1	0.058
Calcium	10/26/98	1110	NLE	2.330
Chromium	10/26/98	11.0	NLE	0.058
Cobalt	10/26/98	3.93	NLE	0.058
Copper	10/26/98	35.9	600	0.350
Iron	10/26/98	4900	NLE	1.165
Lead	10/26/98	41.1	100	0.233
Magnesium	10/26/98	265	NLE	2.330
Manganese	10/26/98	34.5	NLE	0.058
Mercury	10/01/98	0.562	14	0.012
Nickel	10/26/98	13.1	250	0.058
Potassium	10/26/98	787	NLE	2.330
Selenium	10/26/98	0.794	63	0.350
Silver	10/26/98	0.800	110	0.350
Sodium	10/26/98	167	NLE	2.330
Thallium	10/26/98	ND	2	0.350
Vanadium	10/26/98	18.4	370	0.117
Zinc	10/26/98	67.4	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.18
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-25, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2340	NLE	1.090
Antimony	10/26/98	0.611	14	0.218
Arsenic	10/26/98	7.96	20	0.218
Barium	10/26/98	85.5	700	0.054
Beryllium	10/26/98	0.315	1	0.054
Cadmium	10/26/98	0.656	1	0.054
Calcium	10/26/98	657	NLE	2.179
Chromium	10/26/98	24.8	NLE	0.054
Cobalt	10/26/98	1.86	NLE	0.054
Copper	10/26/98	47.8	600	0.327
Iron	10/26/98	4790	NLE	1.090
Lead	10/26/98	70.8	100	0.218
Magnesium	10/26/98	396	NLE	2.179
Manganese	10/26/98	11.3	NLE	0.054
Mercury	10/01/98	2.043	14	0.011
Nickel	10/26/98	6.97	250	0.054
Potassium	10/26/98	891	NLE	2.179
Selenium	10/26/98	0.827	63	0.327
Silver	10/26/98	2.75	110	0.327
Sodium	10/26/98	105	NLE	2.179
Thallium	10/26/98	ND	2	0.327
Vanadium	10/26/98	10.8	370	0.109
Zinc	10/26/98	26.2	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
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Ft. Monmouth, NJ 07703

Lab ID #: 3929.20
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-26, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	5000	NLE	1.103
Antimony	10/26/98	0.363	14	0.221
Arsenic	10/26/98	7.26	20	0.221
Barium	10/26/98	40.2	700	0.055
Beryllium	10/26/98	0.698	1	0.055
Cadmium	10/26/98	0.209	1	0.055
Calcium	10/26/98	1310	NLE	2.206
Chromium	10/26/98	27.7	NLE	0.055
Cobalt	10/26/98	3.59	NLE	0.055
Copper	10/26/98	31.3	600	0.331
Iron	10/26/98	11500	NLE	1.103
Lead	10/26/98	66.8	100	0.221
Magnesium	10/26/98	1140	NLE	2.206
Manganese	10/26/98	25.7	NLE	0.055
Mercury	10/01/98	0.120	14	0.011
Nickel	10/26/98	10.6	250	0.055
Potassium	10/26/98	3080	NLE	2.206
Selenium	10/26/98	0.892	63	0.331
Silver	10/26/98	ND	110	0.331
Sodium	10/26/98	228	NLE	2.206
Thallium	10/26/98	ND	2	0.331
Vanadium	10/26/98	30.0	370	0.110
Zinc	10/26/98	56.0	1500	0.110

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Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.22
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-27, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	6680	NLE	1.088
Antimony	10/26/98	0.866	14	0.218
Arsenic	10/26/98	7.52	20	0.218
Barium	10/26/98	62.8	700	0.054
Beryllium	10/26/98	1.12	1	0.054
Cadmium	10/26/98	0.0998	1	0.054
Calcium	10/26/98	2360	NLE	2.176
Chromium	10/26/98	62.5	NLE	0.054
Cobalt	10/26/98	3.67	NLE	0.054
Copper	10/26/98	52.5	600	0.326
Iron	10/26/98	20700	NLE	1.088
Lead	10/26/98	24.9	100	0.218
Magnesium	10/26/98	2480	NLE	2.176
Manganese	10/26/98	40.8	NLE	0.054
Mercury	10/01/98	0.033	14	0.012
Nickel	10/26/98	10.8	250	0.054
Potassium	10/26/98	6330	NLE	2.176
Selenium	10/26/98	ND	63	0.326
Silver	10/26/98	ND	110	0.326
Sodium	10/26/98	174	NLE	2.176
Thallium	10/26/98	ND	2	0.326
Vanadium	10/26/98	20.8	370	0.109
Zinc	10/26/98	119	1500	0.109

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Client: U.S. Army
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Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.24
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-28, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	14600	NLE	0.894
Antimony	10/26/98	1.15	14	0.179
Arsenic	10/26/98	13.1	20	0.179
Barium	10/26/98	114	700	0.045
Beryllium	10/26/98	1.07	1	0.045
Cadmium	10/26/98	0.931	1	0.045
Calcium	10/26/98	22300	NLE	1.789
Chromium	10/26/98	73.2	NLE	0.045
Cobalt	10/26/98	3.48	NLE	0.045
Copper	10/26/98	25.7	600	0.268
Iron	10/26/98	26700	NLE	0.894
Lead	10/26/98	52.8	100	0.179
Magnesium	10/26/98	3840	NLE	1.789
Manganese	10/26/98	138	NLE	0.045
Mercury	10/01/98	0.270	14	0.011
Nickel	10/26/98	11.4	250	0.045
Potassium	10/26/98	6420	NLE	1.789
Selenium	10/26/98	ND	63	0.268
Silver	10/26/98	ND	110	0.268
Sodium	10/26/98	388	NLE	1.789
Thallium	10/26/98	ND	2	0.268
Vanadium	10/26/98	42.8	370	0.089
Zinc	10/26/98	180	1500	0.089

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.26
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-29, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	14300	NLE	1.220
Antimony	10/26/98	1.26	14	0.244
Arsenic	10/26/98	20.6	20	0.244
Barium	10/26/98	40.7	700	0.061
Beryllium	10/26/98	1.21	1	0.061
Cadmium	10/26/98	0.302	1	0.061
Calcium	10/26/98	1830	NLE	2.440
Chromium	10/26/98	125	NLE	0.061
Cobalt	10/26/98	1.56	NLE	0.061
Copper	10/26/98	50.4	600	0.366
Iron	10/26/98	35500	NLE	1.220
Lead	10/26/98	71.0	100	0.244
Magnesium	10/26/98	4170	NLE	2.440
Manganese	10/26/98	97.8	NLE	0.061
Mercury	10/01/98	ND	14	0.012
Nickel	10/26/98	7.62	250	0.061
Potassium	10/26/98	7290	NLE	2.440
Selenium	10/26/98	ND	63	0.366
Silver	10/26/98	ND	110	0.366
Sodium	10/26/98	116	NLE	2.440
Thallium	10/26/98	ND	2	0.366
Vanadium	10/26/98	58.0	370	0.122
Zinc	10/26/98	202	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3929.28
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-30, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	11400	NLE	1.096
Antimony	10/26/98	1.52	14	0.219
Arsenic	10/26/98	20.2	20	0.219
Barium	10/26/98	202	700	0.055
Beryllium	10/26/98	0.899	1	0.055
Cadmium	10/26/98	1.71	1	0.055
Calcium	10/26/98	2070	NLE	2.193
Chromium	10/26/98	99.8	NLE	0.055
Cobalt	10/26/98	6.02	NLE	0.055
Copper	10/26/98	235	600	0.329
Iron	10/26/98	45100	NLE	1.096
Lead	10/26/98	961	100	0.219
Magnesium	10/26/98	2850	NLE	2.193
Manganese	10/26/98	489	NLE	0.055
Mercury	10/01/98	ND	14	0.012
Nickel	10/26/98	25.7	250	0.055
Potassium	10/26/98	4600	NLE	2.193
Selenium	10/26/98	ND	63	0.329
Silver	10/26/98	0.785	110	0.329
Sodium	10/26/98	151	NLE	2.193
Thallium	10/26/98	ND	2	0.329
Vanadium	10/26/98	39.8	370	0.110
Zinc	10/26/98	752	1500	0.110

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
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Lab ID #: 3929.30
Sample Received: 09/30/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-31, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	15100	NLE	1.092
Antimony	10/26/98	3.29	14	0.218
Arsenic	10/26/98	551	20	0.218
Barium	10/26/98	35.3	700	0.055
Beryllium	10/26/98	1.67	1	0.055
Cadmium	10/26/98	0.728	1	0.055
Calcium	10/26/98	1340	NLE	2.184
Chromium	10/26/98	198	NLE	0.055
Cobalt	10/26/98	0.659	NLE	0.055
Copper	10/26/98	436	600	0.328
Iron	10/26/98	66400	NLE	1.092
Lead	10/26/98	145	100	0.218
Magnesium	10/26/98	4930	NLE	2.184
Manganese	10/26/98	159	NLE	0.055
Mercury	10/01/98	ND	14	0.011
Nickel	10/26/98	6.43	250	0.055
Potassium	10/26/98	9730	NLE	2.184
Selenium	10/26/98	ND	63	0.328
Silver	10/26/98	ND	110	0.328
Sodium	10/26/98	87.1	NLE	2.184
Thallium	10/26/98	ND	2	0.328
Vanadium	10/26/98	69.7	370	0.109
Zinc	10/26/98	378	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
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Lab ID #: 3984.02
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-32, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	9790	NLE	1.212
Antimony	10/26/98	1.36	14	0.242
Arsenic	10/26/98	21.6	20	0.242
Barium	10/26/98	50.2	700	0.061
Beryllium	10/26/98	1.03	1	0.061
Cadmium	10/26/98	0.366	1	0.061
Calcium	10/26/98	1500	NLE	2.424
Chromium	10/26/98	108	NLE	0.061
Cobalt	10/26/98	1.19	NLE	0.061
Copper	10/26/98	56.2	600	0.364
Iron	10/26/98	23500	NLE	1.212
Lead	10/26/98	89.2	100	0.242
Magnesium	10/26/98	3090	NLE	2.424
Manganese	10/26/98	112	NLE	0.061
Mercury	10/21/98	0.059	14	0.013
Nickel	10/26/98	5.83	250	0.061
Potassium	10/26/98	8340	NLE	2.424
Selenium	10/26/98	ND	63	0.364
Silver	10/26/98	ND	110	0.364
Sodium	10/26/98	93.6	NLE	2.424
Thallium	10/26/98	ND	2	0.364
Vanadium	10/26/98	33.7	370	0.121
Zinc	10/26/98	173	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3984.04
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-33, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8360	NLE	1.180
Antimony	10/26/98	1.09	14	0.236
Arsenic	10/26/98	12.5	20	0.236
Barium	10/26/98	53.3	700	0.059
Beryllium	10/26/98	1.19	1	0.059
Cadmium	10/26/98	0.286	1	0.059
Calcium	10/26/98	1940	NLE	2.360
Chromium	10/26/98	84.4	NLE	0.059
Cobalt	10/26/98	1.96	NLE	0.059
Copper	10/26/98	28.0	600	0.354
Iron	10/26/98	30500	NLE	1.180
Lead	10/26/98	46.2	100	0.236
Magnesium	10/26/98	3100	NLE	2.360
Manganese	10/26/98	121	NLE	0.059
Mercury	10/21/98	0.091	14	0.012
Nickel	10/26/98	8.61	250	0.059
Potassium	10/26/98	6530	NLE	2.360
Selenium	10/26/98	ND	63	0.354
Silver	10/26/98	ND	110	0.354
Sodium	10/26/98	97.2	NLE	2.360
Thallium	10/26/98	ND	2	0.354
Vanadium	10/26/98	33.0	370	0.118
Zinc	10/26/98	111.0	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 3984.06
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-34, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2220	NLE	1.152
Antimony	10/26/98	ND	14	0.230
Arsenic	10/26/98	4.19	20	0.230
Barium	10/26/98	21.2	700	0.058
Beryllium	10/26/98	0.410	1	0.058
Cadmium	10/26/98	0.0583	1	0.058
Calcium	10/26/98	681	NLE	2.304
Chromium	10/26/98	8.96	NLE	0.058
Cobalt	10/26/98	2.97	NLE	0.058
Copper	10/26/98	18.0	600	0.346
Iron	10/26/98	3350	NLE	1.152
Lead	10/26/98	20.3	100	0.230
Magnesium	10/26/98	221	NLE	2.304
Manganese	10/26/98	12.2	NLE	0.058
Mercury	10/21/98	0.018	14	0.012
Nickel	10/26/98	10.2	250	0.058
Potassium	10/26/98	512	NLE	2.304
Selenium	10/26/98	0.489	63	0.346
Silver	10/26/98	ND	110	0.346
Sodium	10/26/98	107	NLE	2.304
Thallium	10/26/98	ND	2	0.346
Vanadium	10/26/98	17.6	370	0.115
Zinc	10/26/98	13.3	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3984.08
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-35, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	4220	NLE	1.127
Antimony	10/26/98	ND	14	0.225
Arsenic	10/26/98	2.67	20	0.225
Barium	10/26/98	30.3	700	0.056
Beryllium	10/26/98	0.550	1	0.056
Cadmium	10/26/98	ND	1	0.056
Calcium	10/26/98	457	NLE	2.253
Chromium	10/26/98	18.4	NLE	0.056
Cobalt	10/26/98	3.92	NLE	0.056
Copper	10/26/98	18.8	600	0.338
Iron	10/26/98	4440	NLE	1.127
Lead	10/26/98	17.9	100	0.225
Magnesium	10/26/98	403	NLE	2.253
Manganese	10/26/98	15.3	NLE	0.056
Mercury	10/21/98	0.015	14	0.012
Nickel	10/26/98	12.2	250	0.056
Potassium	10/26/98	1250	NLE	2.253
Selenium	10/26/98	0.743	63	0.338
Silver	10/26/98	ND	110	0.338
Sodium	10/26/98	183	NLE	2.253
Thallium	10/26/98	ND	2	0.338
Vanadium	10/26/98	20.2	370	0.113
Zinc	10/26/98	11.7	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
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Ft. Monmouth, NJ 07703

Lab ID #: 3984.10
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-36, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	3440	NLE	1.163
Antimony	10/26/98	ND	14	0.233
Arsenic	10/26/98	3.73	20	0.233
Barium	10/26/98	71.3	700	0.058
Beryllium	10/26/98	0.415	1	0.058
Cadmium	10/26/98	0.164	1	0.058
Calcium	10/26/98	1340	NLE	2.326
Chromium	10/26/98	4.40	NLE	0.058
Cobalt	10/26/98	2.18	NLE	0.058
Copper	10/26/98	10.2	600	0.349
Iron	10/26/98	3070	NLE	1.163
Lead	10/26/98	8.91	100	0.233
Magnesium	10/26/98	129	NLE	2.326
Manganese	10/26/98	10.1	NLE	0.058
Mercury	10/21/98	0.028	14	0.011
Nickel	10/26/98	6.05	250	0.058
Potassium	10/26/98	301	NLE	2.326
Selenium	10/26/98	0.526	63	0.349
Silver	10/26/98	ND	110	0.349
Sodium	10/26/98	161	NLE	2.326
Thallium	10/26/98	ND	2	0.349
Vanadium	10/26/98	12.8	370	0.116
Zinc	10/26/98	9.38	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
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Lab ID #: 3984.12
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-37, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2060	NLE	1.032
Antimony	10/26/98	ND	14	0.206
Arsenic	10/26/98	5.76	20	0.206
Barium	10/26/98	53.8	700	0.052
Beryllium	10/26/98	0.456	1	0.052
Cadmium	10/26/98	0.107	1	0.052
Calcium	10/26/98	1330	NLE	2.063
Chromium	10/26/98	4.53	NLE	0.052
Cobalt	10/26/98	3.10	NLE	0.052
Copper	10/26/98	37.3	600	0.309
Iron	10/26/98	2140	NLE	1.032
Lead	10/26/98	12.6	100	0.206
Magnesium	10/26/98	138	NLE	2.063
Manganese	10/26/98	12.1	NLE	0.052
Mercury	10/21/98	0.085	14	0.012
Nickel	10/26/98	8.22	250	0.052
Potassium	10/26/98	264	NLE	2.063
Selenium	10/26/98	0.537	63	0.309
Silver	10/26/98	ND	110	0.309
Sodium	10/26/98	98.1	NLE	2.063
Thallium	10/26/98	ND	2	0.309
Vanadium	10/26/98	10.1	370	0.103
Zinc	10/26/98	17.9	1500	0.103

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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NJDEP Certification # 13461

Client: U.S. Army
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Ft. Monmouth, NJ 07703

Lab ID #: 3984.14
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-38, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	5980	NLE	1.157
Antimony	10/26/98	ND	14	0.231
Arsenic	10/26/98	4.43	20	0.231
Barium	10/26/98	42.1	700	0.058
Beryllium	10/26/98	0.873	1	0.058
Cadmium	10/26/98	0.140	1	0.058
Calcium	10/26/98	970	NLE	2.314
Chromium	10/26/98	19.8	NLE	0.058
Cobalt	10/26/98	4.52	NLE	0.058
Copper	10/26/98	31.2	600	0.347
Iron	10/26/98	5080	NLE	1.157
Lead	10/26/98	25.6	100	0.231
Magnesium	10/26/98	443	NLE	2.314
Manganese	10/26/98	9.05	NLE	0.058
Mercury	10/21/98	0.021	14	0.012
Nickel	10/26/98	16.1	250	0.058
Potassium	10/26/98	1700	NLE	2.314
Selenium	10/26/98	1.26	63	0.347
Silver	10/26/98	ND	110	0.347
Sodium	10/26/98	227	NLE	2.314
Thallium	10/26/98	ND	2	0.347
Vanadium	10/26/98	27.2	370	0.116
Zinc	10/26/98	17.7	1500	0.116

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
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Ft. Monmouth, NJ 07703

Lab ID #: 3984.16
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-39, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	12500	NLE	1.280
Antimony	10/26/98	2.13	14	0.256
Arsenic	10/26/98	9.43	20	0.256
Barium	10/26/98	39.1	700	0.064
Beryllium	10/26/98	2.17	1	0.064
Cadmium	10/26/98	0.126	1	0.064
Calcium	10/26/98	2390	NLE	2.561
Chromium	10/26/98	152.0	NLE	0.064
Cobalt	10/26/98	2.96	NLE	0.064
Copper	10/26/98	17.1	600	0.384
Iron	10/26/98	48900	NLE	1.280
Lead	10/26/98	59.7	100	0.256
Magnesium	10/26/98	6130	NLE	2.561
Manganese	10/26/98	22.6	NLE	0.064
Mercury	10/21/98	0.184	14	0.009
Nickel	10/26/98	10.9	250	0.064
Potassium	10/26/98	16200	NLE	2.561
Selenium	10/26/98	ND	63	0.384
Silver	10/26/98	ND	110	0.384
Sodium	10/26/98	122	NLE	2.561
Thallium	10/26/98	ND	2	0.384
Vanadium	10/26/98	19.9	370	0.128
Zinc	10/26/98	130	1500	0.128

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3984.18
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-40, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	7750	NLE	1.173
Antimony	10/26/98	1.08	14	0.235
Arsenic	10/26/98	18	20	0.235
Barium	10/26/98	26.3	700	0.059
Beryllium	10/26/98	0.795	1	0.059
Cadmium	10/26/98	0.990	1	0.059
Calcium	10/26/98	125	NLE	2.346
Chromium	10/26/98	91.9	NLE	0.059
Cobalt	10/26/98	0.789	NLE	0.059
Copper	10/26/98	13.5	600	0.352
Iron	10/26/98	25600	NLE	1.173
Lead	10/26/98	53.2	100	0.235
Magnesium	10/26/98	2390	NLE	2.346
Manganese	10/26/98	28.3	NLE	0.059
Mercury	10/21/98	0.222	14	0.012
Nickel	10/26/98	4.4	250	0.059
Potassium	10/26/98	4840	NLE	2.346
Selenium	10/26/98	ND	63	0.352
Silver	10/26/98	0.363	110	0.352
Sodium	10/26/98	67.4	NLE	2.346
Thallium	10/26/98	ND	2	0.352
Vanadium	10/26/98	30.6	370	0.117
Zinc	10/26/98	40.3	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3984.20
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-41, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8800	NLE	1.129
Antimony	10/26/98	1.000	14	0.226
Arsenic	10/26/98	14.6	20	0.226
Barium	10/26/98	41.4	700	0.056
Beryllium	10/26/98	0.847	1	0.056
Cadmium	10/26/98	0.260	1	0.056
Calcium	10/26/98	1440	NLE	2.259
Chromium	10/26/98	71.7	NLE	0.056
Cobalt	10/26/98	1.64	NLE	0.056
Copper	10/26/98	30.1	600	0.339
Iron	10/26/98	22900	NLE	1.129
Lead	10/26/98	80.2	100	0.226
Magnesium	10/26/98	2440	NLE	2.259
Manganese	10/26/98	61.3	NLE	0.056
Mercury	10/21/98	0.125	14	0.011
Nickel	10/26/98	6.2	250	0.056
Potassium	10/26/98	6450	NLE	2.259
Selenium	10/26/98	ND	63	0.339
Silver	10/26/98	ND	110	0.339
Sodium	10/26/98	81	NLE	2.259
Thallium	10/26/98	ND	2	0.339
Vanadium	10/26/98	31.4	370	0.113
Zinc	10/26/98	116.0	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3984.22
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-42, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	12600	NLE	0.986
Antimony	10/26/98	1.59	14	0.197
Arsenic	10/26/98	19.4	20	0.197
Barium	10/26/98	43.5	700	0.049
Beryllium	10/26/98	1.36	1	0.049
Cadmium	10/26/98	0.233	1	0.049
Calcium	10/26/98	1430	NLE	1.972
Chromium	10/26/98	132	NLE	0.049
Cobalt	10/26/98	1.58	NLE	0.049
Copper	10/26/98	56.8	600	0.296
Iron	10/26/98	32000	NLE	0.986
Lead	10/26/98	76	100	0.197
Magnesium	10/26/98	4530	NLE	1.972
Manganese	10/26/98	85.6	NLE	0.049
Mercury	10/21/98	0.245	14	0.011
Nickel	10/26/98	6.89	250	0.049
Potassium	10/26/98	8710	NLE	1.972
Selenium	10/26/98	ND	63	0.296
Silver	10/26/98	ND	110	0.296
Sodium	10/26/98	115	NLE	1.972
Thallium	10/26/98	ND	2	0.296
Vanadium	10/26/98	54.3	370	0.099
Zinc	10/26/98	130	1500	0.099

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
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Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3984.24
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-43, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	6790	NLE	1.054
Antimony	10/26/98	0.634	14	0.211
Arsenic	10/26/98	8.97	20	0.211
Barium	10/26/98	45.6	700	0.053
Beryllium	10/26/98	0.676	1	0.053
Cadmium	10/26/98	0.298	1	0.053
Calcium	10/26/98	1390	NLE	2.109
Chromium	10/26/98	48.7	NLE	0.053
Cobalt	10/26/98	1.94	NLE	0.053
Copper	10/26/98	38.9	600	0.316
Iron	10/26/98	20100	NLE	1.054
Lead	10/26/98	44.0	100	0.211
Magnesium	10/26/98	1490	NLE	2.109
Manganese	10/26/98	42.1	NLE	0.053
Mercury	10/21/98	0.290	14	0.012
Nickel	10/26/98	6.77	250	0.053
Potassium	10/26/98	3910	NLE	2.109
Selenium	10/26/98	ND	63	0.316
Silver	10/26/98	ND	110	0.316
Sodium	10/26/98	121	NLE	2.109
Thallium	10/26/98	ND	2	0.316
Vanadium	10/26/98	27.6	370	0.105
Zinc	10/26/98	93	1500	0.105

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
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Bldg. 173
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Lab ID #: 3984.26
Sample Received: 10/19/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-44, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	9660	NLE	1.179
Antimony	10/26/98	1.14	14	0.236
Arsenic	10/26/98	13.0	20	0.236
Barium	10/26/98	42.1	700	0.059
Beryllium	10/26/98	1.21	1	0.059
Cadmium	10/26/98	0.199	1	0.059
Calcium	10/26/98	2250	NLE	2.359
Chromium	10/26/98	84.0	NLE	0.059
Cobalt	10/26/98	1.90	NLE	0.059
Copper	10/26/98	20.2	600	0.354
Iron	10/26/98	29100	NLE	1.179
Lead	10/26/98	42.0	100	0.236
Magnesium	10/26/98	3400	NLE	2.359
Manganese	10/26/98	63.7	NLE	0.059
Mercury	10/21/98	0.178	14	0.011
Nickel	10/26/98	7.68	250	0.059
Potassium	10/26/98	6200	NLE	2.359
Selenium	10/26/98	ND	63	0.354
Silver	10/26/98	ND	110	0.354
Sodium	10/26/98	172	NLE	2.359
Thallium	10/26/98	ND	2	0.354
Vanadium	10/26/98	36.2	370	0.118
Zinc	10/26/98	83.3	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.02
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-45, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8540	NLE	1.139
Antimony	10/26/98	1.28	14	0.228
Arsenic	10/26/98	13.7	20	0.228
Barium	10/26/98	37.9	700	0.057
Beryllium	10/26/98	1.18	1	0.057
Cadmium	10/26/98	0.148	1	0.057
Calcium	10/26/98	1600	NLE	2.279
Chromium	10/26/98	88.8	NLE	0.057
Cobalt	10/26/98	1.76	NLE	0.057
Copper	10/26/98	20.1	600	0.342
Iron	10/26/98	29300	NLE	1.139
Lead	10/26/98	44.7	100	0.228
Magnesium	10/26/98	3200	NLE	2.279
Manganese	10/26/98	46.0	NLE	0.057
Mercury	10/21/98	0.175	14	0.012
Nickel	10/26/98	6.95	250	0.057
Potassium	10/26/98	6790	NLE	2.279
Selenium	10/26/98	ND	63	0.342
Silver	10/26/98	ND	110	0.342
Sodium	10/26/98	96.1	NLE	2.279
Thallium	10/26/98	ND	2	0.342
Vanadium	10/26/98	32.4	370	0.114
Zinc	10/26/98	76.5	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.04
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-46, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	13200	NLE	1.225
Antimony	10/26/98	2.04	14	0.245
Arsenic	10/26/98	23.3	20	0.245
Barium	10/26/98	49.6	700	0.061
Beryllium	10/26/98	1.65	1	0.061
Cadmium	10/26/98	0.140	1	0.061
Calcium	10/26/98	2930	NLE	2.450
Chromium	10/26/98	163	NLE	0.061
Cobalt	10/26/98	2.26	NLE	0.061
Copper	10/26/98	6.46	600	0.367
Iron	10/26/98	43500	NLE	1.225
Lead	10/26/98	13.8	100	0.245
Magnesium	10/26/98	5760	NLE	2.450
Manganese	10/26/98	31.2	NLE	0.061
Mercury	10/21/98	0.129	14	0.013
Nickel	10/26/98	9.21	250	0.061
Potassium	10/26/98	12400	NLE	2.450
Selenium	10/26/98	ND	63	0.367
Silver	10/26/98	ND	110	0.367
Sodium	10/26/98	111	NLE	2.450
Thallium	10/26/98	ND	2	0.367
Vanadium	10/26/98	32.4	370	0.122
Zinc	10/26/98	72.2	1500	0.122

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
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Bldg. 173
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Lab ID #: 3989.06
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-47, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2640	NLE	0.990
Antimony	10/26/98	ND	14	0.198
Arsenic	10/26/98	1.95	20	0.198
Barium	10/26/98	23.2	700	0.049
Beryllium	10/26/98	0.307	1	0.049
Cadmium	10/26/98	0.588	1	0.049
Calcium	10/26/98	1600	NLE	1.979
Chromium	10/26/98	5.22	NLE	0.049
Cobalt	10/26/98	3.56	NLE	0.049
Copper	10/26/98	11.9	600	0.297
Iron	10/26/98	1580	NLE	0.990
Lead	10/26/98	17.5	100	0.198
Magnesium	10/26/98	197	NLE	1.979
Manganese	10/26/98	22.0	NLE	0.049
Mercury	10/21/98	0.090	14	0.012
Nickel	10/26/98	11.0	250	0.049
Potassium	10/26/98	785	NLE	1.979
Selenium	10/26/98	0.332	63	0.297
Silver	10/26/98	ND	110	0.297
Sodium	10/26/98	154	NLE	1.979
Thallium	10/26/98	ND	2	0.297
Vanadium	10/26/98	6.22	370	0.099
Zinc	10/26/98	54.3	1500	0.099

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
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Lab ID #: 3989.08
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-48, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2820	NLE	1.233
Antimony	10/26/98	ND	14	0.247
Arsenic	10/26/98	3.81	20	0.247
Barium	10/26/98	17.6	700	0.062
Beryllium	10/26/98	0.921	1	0.062
Cadmium	10/26/98	0.065	1	0.062
Calcium	10/26/98	515	NLE	2.467
Chromium	10/26/98	10.4	NLE	0.062
Cobalt	10/26/98	3.08	NLE	0.062
Copper	10/26/98	16.2	600	0.370
Iron	10/26/98	2710	NLE	1.233
Lead	10/26/98	6.60	100	0.247
Magnesium	10/26/98	248	NLE	2.467
Manganese	10/26/98	9.21	NLE	0.062
Mercury	10/21/98	0.123	14	0.012
Nickel	10/26/98	8.94	250	0.062
Potassium	10/26/98	815	NLE	2.467
Selenium	10/26/98	0.934	63	0.370
Silver	10/26/98	ND	110	0.370
Sodium	10/26/98	135	NLE	2.467
Thallium	10/26/98	ND	2	0.370
Vanadium	10/26/98	13.9	370	0.123
Zinc	10/26/98	12.8	1500	0.123

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.10
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-49, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	2310	NLE	1.030
Antimony	10/26/98	1.14	14	0.206
Arsenic	10/26/98	3.44	20	0.206
Barium	10/26/98	311	700	0.051
Beryllium	10/26/98	0.498	1	0.051
Cadmium	10/26/98	9.73	1	0.051
Calcium	10/26/98	1080	NLE	2.060
Chromium	10/26/98	101	NLE	0.051
Cobalt	10/26/98	3.72	NLE	0.051
Copper	10/26/98	76.9	600	0.309
Iron	10/26/98	8290	NLE	1.030
Lead	10/26/98	560	100	0.206
Magnesium	10/26/98	722	NLE	2.060
Manganese	10/26/98	61.9	NLE	0.051
Mercury	10/21/98	0.209	14	0.010
Nickel	10/26/98	17.5	250	0.051
Potassium	10/26/98	2290	NLE	2.060
Selenium	10/26/98	0.362	63	0.309
Silver	10/26/98	ND	110	0.309
Sodium	10/26/98	124	NLE	2.060
Thallium	10/26/98	ND	2	0.309
Vanadium	10/26/98	14.7	370	0.103
Zinc	10/26/98	990	1500	0.103

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.12
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-50, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	12800	NLE	1.108
Antimony	10/26/98	1.42	14	0.222
Arsenic	10/26/98	26.8	20	0.222
Barium	10/26/98	32.9	700	0.055
Beryllium	10/26/98	1.31	1	0.055
Cadmium	10/26/98	0.337	1	0.055
Calcium	10/26/98	13380	NLE	2.217
Chromium	10/26/98	139	NLE	0.055
Cobalt	10/26/98	1.26	NLE	0.055
Copper	10/26/98	24.0	600	0.333
Iron	10/26/98	29200	NLE	1.108
Lead	10/26/98	38.0	100	0.222
Magnesium	10/26/98	4280	NLE	2.217
Manganese	10/26/98	35.5	NLE	0.055
Mercury	10/21/98	0.161	14	0.013
Nickel	10/26/98	6.44	250	0.055
Potassium	10/26/98	8130	NLE	2.217
Selenium	10/26/98	0.676	63	0.333
Silver	10/26/98	ND	110	0.333
Sodium	10/26/98	97.7	NLE	2.217
Thallium	10/26/98	0.743	2	0.333
Vanadium	10/26/98	59.9	370	0.111
Zinc	10/26/98	62.9	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
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Lab ID #: 3989.14
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-51, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8490	NLE	1.187
Antimony	10/26/98	0.569	14	0.237
Arsenic	10/26/98	9.32	20	0.237
Barium	10/26/98	59.6	700	0.059
Beryllium	10/26/98	0.919	1	0.059
Cadmium	10/26/98	0.597	1	0.059
Calcium	10/26/98	14000	NLE	2.374
Chromium	10/26/98	58.0	NLE	0.059
Cobalt	10/26/98	2.98	NLE	0.059
Copper	10/26/98	31.2	600	0.356
Iron	10/26/98	18200	NLE	1.187
Lead	10/26/98	113	100	0.237
Magnesium	10/26/98	2870	NLE	2.374
Manganese	10/26/98	59.6	NLE	0.059
Mercury	10/21/98	4.363	14	0.012
Nickel	10/26/98	10.5	250	0.059
Potassium	10/26/98	6690	NLE	2.374
Selenium	10/26/98	ND	63	0.356
Silver	10/26/98	ND	110	0.356
Sodium	10/26/98	196	NLE	2.374
Thallium	10/26/98	ND	2	0.356
Vanadium	10/26/98	32.4	370	0.119
Zinc	10/26/98	139	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.16
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-52, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	15800	NLE	1.145
Antimony	10/26/98	1.84	14	0.229
Arsenic	10/26/98	18.7	20	0.229
Barium	10/26/98	43.0	700	0.057
Beryllium	10/26/98	2.07	1	0.057
Cadmium	10/26/98	0.197	1	0.057
Calcium	10/26/98	1540	NLE	2.291
Chromium	10/26/98	147	NLE	0.057
Cobalt	10/26/98	2.69	NLE	0.057
Copper	10/26/98	14.7	600	0.344
Iron	10/26/98	57400	NLE	1.145
Lead	10/26/98	32.3	100	0.229
Magnesium	10/26/98	6280	NLE	2.291
Manganese	10/26/98	55.9	NLE	0.057
Mercury	10/21/98	0.142	14	0.012
Nickel	10/26/98	10.1	250	0.057
Potassium	10/26/98	15400	NLE	2.291
Selenium	10/26/98	ND	63	0.344
Silver	10/26/98	ND	110	0.344
Sodium	10/26/98	184	NLE	2.291
Thallium	10/26/98	ND	2	0.344
Vanadium	10/26/98	65.9	370	0.115
Zinc	10/26/98	92.2	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.18
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-53, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8020	NLE	1.205
Antimony	10/26/98	0.792	14	0.241
Arsenic	10/26/98	15.3	20	0.241
Barium	10/26/98	45.4	700	0.060
Beryllium	10/26/98	1.00	1	0.060
Cadmium	10/26/98	0.253	1	0.060
Calcium	10/26/98	1080	NLE	2.409
Chromium	10/26/98	75.4	NLE	0.060
Cobalt	10/26/98	1.35	NLE	0.060
Copper	10/26/98	345	600	0.361
Iron	10/26/98	25100	NLE	1.205
Lead	10/26/98	237	100	0.241
Magnesium	10/26/98	2860	NLE	2.409
Manganese	10/26/98	118	NLE	0.060
Mercury	10/21/98	0.102	14	0.012
Nickel	10/26/98	5.57	250	0.060
Potassium	10/26/98	5810	NLE	2.409
Selenium	10/26/98	ND	63	0.361
Silver	10/26/98	ND	110	0.361
Sodium	10/26/98	114	NLE	2.409
Thallium	10/26/98	ND	2	0.361
Vanadium	10/26/98	31.7	370	0.120
Zinc	10/26/98	160	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.20
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-54, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	13700	NLE	1.079
Antimony	10/26/98	1.26	14	0.216
Arsenic	10/26/98	19.4	20	0.216
Barium	10/26/98	45.3	700	0.054
Beryllium	10/26/98	0.907	1	0.054
Cadmium	10/26/98	0.346	1	0.054
Calcium	10/26/98	1500	NLE	2.158
Chromium	10/26/98	113	NLE	0.054
Cobalt	10/26/98	1.33	NLE	0.054
Copper	10/26/98	69.4	600	0.324
Iron	10/26/98	24100	NLE	1.079
Lead	10/26/98	535	100	0.216
Magnesium	10/26/98	3320	NLE	2.158
Manganese	10/26/98	115	NLE	0.054
Mercury	10/21/98	0.039	14	0.011
Nickel	10/26/98	5.70	250	0.054
Potassium	10/26/98	5550	NLE	2.158
Selenium	10/26/98	0.342	63	0.324
Silver	10/26/98	ND	110	0.324
Sodium	10/26/98	131	NLE	2.158
Thallium	10/26/98	ND	2	0.324
Vanadium	10/26/98	54.1	370	0.108
Zinc	10/26/98	241	1500	0.108

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.22
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-55, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	14300	NLE	1.277
Antimony	10/26/98	1.06	14	0.255
Arsenic	10/26/98	20.4	20	0.255
Barium	10/26/98	48.9	700	0.064
Beryllium	10/26/98	0.955	1	0.064
Cadmium	10/26/98	0.148	1	0.064
Calcium	10/26/98	1090	NLE	2.554
Chromium	10/26/98	104	NLE	0.064
Cobalt	10/26/98	0.781	NLE	0.064
Copper	10/26/98	11.4	600	0.383
Iron	10/26/98	25500	NLE	1.277
Lead	10/26/98	17.4	100	0.255
Magnesium	10/26/98	3060	NLE	2.554
Manganese	10/26/98	31.5	NLE	0.064
Mercury	10/21/98	0.028	14	0.013
Nickel	10/26/98	5.32	250	0.064
Potassium	10/26/98	7620	NLE	2.554
Selenium	10/26/98	0.623	63	0.383
Silver	10/26/98	ND	110	0.383
Sodium	10/26/98	144	NLE	2.554
Thallium	10/26/98	ND	2	0.383
Vanadium	10/26/98	48.2	370	0.128
Zinc	10/26/98	47.5	1500	0.128

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
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Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.24
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-56, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	7570	NLE	1.172
Antimony	10/26/98	0.297	14	0.234
Arsenic	10/26/98	7.35	20	0.234
Barium	10/26/98	19.1	700	0.059
Beryllium	10/26/98	0.481	1	0.059
Cadmium	10/26/98	0.115	1	0.059
Calcium	10/26/98	863	NLE	2.344
Chromium	10/26/98	49.0	NLE	0.059
Cobalt	10/26/98	0.938	NLE	0.059
Copper	10/26/98	6.59	600	0.352
Iron	10/26/98	15000	NLE	1.172
Lead	10/26/98	5.59	100	0.234
Magnesium	10/26/98	1370	NLE	2.344
Manganese	10/26/98	12.3	NLE	0.059
Mercury	10/21/98	0.024	14	0.009
Nickel	10/26/98	5.24	250	0.059
Potassium	10/26/98	3470	NLE	2.344
Selenium	10/26/98	ND	63	0.352
Silver	10/26/98	ND	110	0.352
Sodium	10/26/98	68.1	NLE	2.344
Thallium	10/26/98	ND	2	0.352
Vanadium	10/26/98	21.5	370	0.117
Zinc	10/26/98	24.7	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.26
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-57, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	4010	NLE	1.079
Antimony	10/26/98	0.446	14	0.216
Arsenic	10/26/98	92.8	20	0.216
Barium	10/26/98	50.0	700	0.054
Beryllium	10/26/98	0.584	1	0.054
Cadmium	10/26/98	0.165	1	0.054
Calcium	10/26/98	1160	NLE	2.157
Chromium	10/26/98	46.5	NLE	0.054
Cobalt	10/26/98	1.01	NLE	0.054
Copper	10/26/98	11.4	600	0.324
Iron	10/26/98	17200	NLE	1.079
Lead	10/26/98	3	100	0.216
Magnesium	10/26/98	35.9	NLE	2.157
Manganese	10/26/98	17.4	NLE	0.054
Mercury	10/21/98	0.044	14	0.011
Nickel	10/26/98	5.13	250	0.054
Potassium	10/26/98	4580	NLE	2.157
Selenium	10/26/98	0.723	63	0.324
Silver	10/26/98	ND	110	0.324
Sodium	10/26/98	160	NLE	2.157
Thallium	10/26/98	ND	2	0.324
Vanadium	10/26/98	19.1	370	0.108
Zinc	10/26/98	38.6	1500	0.108

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
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Lab ID #: 3989.28
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-58, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	7350	NLE	1.140
Antimony	10/26/98	0.655	14	0.228
Arsenic	10/26/98	8.46	20	0.228
Barium	10/26/98	27.6	700	0.057
Beryllium	10/26/98	0.683	1	0.057
Cadmium	10/26/98	0.265	1	0.057
Calcium	10/26/98	1930	NLE	2.280
Chromium	10/26/98	56.5	NLE	0.057
Cobalt	10/26/98	2.08	NLE	0.057
Copper	10/26/98	11.3	600	0.342
Iron	10/26/98	16500	NLE	1.140
Lead	10/26/98	12.0	100	0.228
Magnesium	10/26/98	1550	NLE	2.280
Manganese	10/26/98	25.5	NLE	0.057
Mercury	10/21/98	0.044	14	0.010
Nickel	10/26/98	6.66	250	0.057
Potassium	10/26/98	4870	NLE	2.280
Selenium	10/26/98	ND	63	0.342
Silver	10/26/98	ND	110	0.342
Sodium	10/26/98	94.2	NLE	2.280
Thallium	10/26/98	ND	2	0.342
Vanadium	10/26/98	18.7	370	0.114
Zinc	10/26/98	34.0	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.30
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-59, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	10600	NLE	1.124
Antimony	10/26/98	1.61	14	0.225
Arsenic	10/26/98	13.9	20	0.225
Barium	10/26/98	23.6	700	0.056
Beryllium	10/26/98	1.31	1	0.056
Cadmium	10/26/98	0.132	1	0.056
Calcium	10/26/98	1480	NLE	2.248
Chromium	10/26/98	129	NLE	0.056
Cobalt	10/26/98	1.23	NLE	0.056
Copper	10/26/98	3.93	600	0.337
Iron	10/26/98	34200	NLE	1.124
Lead	10/26/98	7.83	100	0.225
Magnesium	10/26/98	4600	NLE	2.248
Manganese	10/26/98	40.9	NLE	0.056
Mercury	10/21/98	0.040	14	0.010
Nickel	10/26/98	5.98	250	0.056
Potassium	10/26/98	10200	NLE	2.248
Selenium	10/26/98	ND	63	0.337
Silver	10/26/98	ND	110	0.337
Sodium	10/26/98	60.0	NLE	2.248
Thallium	10/26/98	ND	2	0.337
Vanadium	10/26/98	38.1	370	0.112
Zinc	10/26/98	69.7	1500	0.112

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.32
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-60, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8740	NLE	1.108
Antimony	10/26/98	1.45	14	0.222
Arsenic	10/26/98	12.2	20	0.222
Barium	10/26/98	108	700	0.055
Beryllium	10/26/98	1.36	1	0.055
Cadmium	10/26/98	0.48	1	0.055
Calcium	10/26/98	3010	NLE	2.216
Chromium	10/26/98	111	NLE	0.055
Cobalt	10/26/98	2.87	NLE	0.055
Copper	10/26/98	53.7	600	0.332
Iron	10/26/98	32500	NLE	1.108
Lead	10/26/98	106	100	0.222
Magnesium	10/26/98	4200	NLE	2.216
Manganese	10/26/98	54.8	NLE	0.055
Mercury	10/21/98	0.231	14	0.012
Nickel	10/26/98	11.7	250	0.055
Potassium	10/26/98	9790	NLE	2.216
Selenium	10/26/98	ND	63	0.332
Silver	10/26/98	ND	110	0.332
Sodium	10/26/98	91.8	NLE	2.216
Thallium	10/26/98	ND	2	0.332
Vanadium	10/26/98	21.1	370	0.111
Zinc	10/26/98	275	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.34
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-61, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	9600	NLE	1.147
Antimony	10/26/98	1.27	14	0.229
Arsenic	10/26/98	21.8	20	0.229
Barium	10/26/98	128	700	0.057
Beryllium	10/26/98	0.914	1	0.057
Cadmium	10/26/98	0.291	1	0.057
Calcium	10/26/98	1680	NLE	2.294
Chromium	10/26/98	92.5	NLE	0.057
Cobalt	10/26/98	1.16	NLE	0.057
Copper	10/26/98	927	600	0.344
Iron	10/26/98	25900	NLE	1.147
Lead	10/26/98	276	100	0.229
Magnesium	10/26/98	2700	NLE	2.294
Manganese	10/26/98	64.7	NLE	0.057
Mercury	10/21/98	0.086	14	0.012
Nickel	10/26/98	5.60	250	0.057
Potassium	10/26/98	4800	NLE	2.294
Selenium	10/26/98	ND	63	0.344
Silver	10/26/98	ND	110	0.344
Sodium	10/26/98	140	NLE	2.294
Thallium	10/26/98	ND	2	0.344
Vanadium	10/26/98	30.2	370	0.115
Zinc	10/26/98	214	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.36
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-62, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	15400	NLE	1.168
Antimony	10/26/98	1.06	14	0.229
Arsenic	10/26/98	19.7	20	0.229
Barium	10/26/98	24.2	700	0.057
Beryllium	10/26/98	0.895	1	0.057
Cadmium	10/26/98	0.289	1	0.057
Calcium	10/26/98	1140	NLE	2.294
Chromium	10/26/98	106	NLE	0.057
Cobalt	10/26/98	0.825	NLE	0.057
Copper	10/26/98	18.8	600	0.344
Iron	10/26/98	23900	NLE	1.147
Lead	10/26/98	17.8	100	0.229
Magnesium	10/26/98	3730	NLE	2.294
Manganese	10/26/98	25.9	NLE	0.057
Mercury	10/21/98	0.035	14	0.012
Nickel	10/26/98	3.89	250	0.057
Potassium	10/26/98	5550	NLE	2.294
Selenium	10/26/98	ND	63	0.344
Silver	10/26/98	ND	110	0.344
Sodium	10/26/98	176	NLE	2.294
Thallium	10/26/98	0.488	2	0.344
Vanadium	10/26/98	54.5	370	0.115
Zinc	10/26/98	30.3	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.38
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-63, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	9050	NLE	1.092
Antimony	10/26/98	1.32	14	0.218
Arsenic	10/26/98	9.14	20	0.218
Barium	10/26/98	18.5	700	0.055
Beryllium	10/26/98	1.54	1	0.055
Cadmium	10/26/98	0.587	1	0.055
Calcium	10/26/98	800	NLE	2.185
Chromium	10/26/98	99.3	NLE	0.055
Cobalt	10/26/98	1.59	NLE	0.055
Copper	10/26/98	8.61	600	0.328
Iron	10/26/98	39800	NLE	1.092
Lead	10/26/98	5.97	100	0.218
Magnesium	10/26/98	4200	NLE	2.185
Manganese	10/26/98	22.9	NLE	0.055
Mercury	10/21/98	0.031	14	0.009
Nickel	10/26/98	7.08	250	0.055
Potassium	10/26/98	9460	NLE	2.185
Selenium	10/26/98	ND	63	0.328
Silver	10/26/98	ND	110	0.328
Sodium	10/26/98	71.4	NLE	2.185
Thallium	10/26/98	ND	2	0.328
Vanadium	10/26/98	39.2	370	0.109
Zinc	10/26/98	56.5	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3989.40
Sample Received: 10/20/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-64, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8260	NLE	1.113
Antimony	10/26/98	1.23	14	0.223
Arsenic	10/26/98	8.92	20	0.223
Barium	10/26/98	17.9	700	0.056
Beryllium	10/26/98	1.49	1	0.056
Cadmium	10/26/98	0.537	1	0.056
Calcium	10/26/98	747	NLE	2.227
Chromium	10/26/98	90.7	NLE	0.056
Cobalt	10/26/98	1.50	NLE	0.056
Copper	10/26/98	3.38	600	0.334
Iron	10/26/98	36900	NLE	1.113
Lead	10/26/98	5.44	100	0.223
Magnesium	10/26/98	3680	NLE	2.227
Manganese	10/26/98	22.0	NLE	0.056
Mercury	10/21/98	0.026	14	0.010
Nickel	10/26/98	6.72	250	0.056
Potassium	10/26/98	8370	NLE	2.227
Selenium	10/26/98	ND	63	0.334
Silver	10/26/98	ND	110	0.334
Sodium	10/26/98	63.1	NLE	2.227
Thallium	10/26/98	ND	2	0.334
Vanadium	10/26/98	33.0	370	0.111
Zinc	10/26/98	56.4	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.02
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-64A, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	7610	NLE	0.972
Antimony	10/26/98	0.858	14	0.194
Arsenic	10/26/98	12.7	20	0.194
Barium	10/26/98	48.5	700	0.049
Beryllium	10/26/98	1.01	1	0.049
Cadmium	10/26/98	0.317	1	0.049
Calcium	10/26/98	1130	NLE	1.944
Chromium	10/26/98	70.3	NLE	0.049
Cobalt	10/26/98	1.58	NLE	0.049
Copper	10/26/98	79.0	600	0.292
Iron	10/26/98	22900	NLE	0.972
Lead	10/26/98	109	100	0.194
Magnesium	10/26/98	2470	NLE	1.944
Manganese	10/26/98	113	NLE	0.049
Mercury	10/29/98	0.107	14	0.011
Nickel	10/26/98	5.28	250	0.049
Potassium	10/26/98	4600	NLE	1.944
Selenium	10/26/98	ND	63	0.292
Silver	10/26/98	ND	110	0.292
Sodium	10/26/98	120	NLE	1.944
Thallium	10/26/98	ND	2	0.292
Vanadium	10/26/98	29.4	370	0.097
Zinc	10/26/98	105	1500	0.097

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.04
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-65, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	6880	NLE	1.132
Antimony	10/26/98	0.982	14	0.226
Arsenic	10/26/98	8.06	20	0.226
Barium	10/26/98	21.5	700	0.057
Beryllium	10/26/98	1.36	1	0.057
Cadmium	10/26/98	0.258	1	0.057
Calcium	10/26/98	1230	NLE	2.264
Chromium	10/26/98	75.5	NLE	0.057
Cobalt	10/26/98	1.23	NLE	0.057
Copper	10/26/98	2.47	600	0.340
Iron	10/26/98	32800	NLE	1.132
Lead	10/26/98	5.44	100	0.226
Magnesium	10/26/98	3220	NLE	2.264
Manganese	10/26/98	25.3	NLE	0.057
Mercury	10/29/98	0.025	14	0.012
Nickel	10/26/98	5.77	250	0.057
Potassium	10/26/98	6550	NLE	2.264
Selenium	10/26/98	ND	63	0.340
Silver	10/26/98	ND	110	0.340
Sodium	10/26/98	93.4	NLE	2.264
Thallium	10/26/98	ND	2	0.340
Vanadium	10/26/98	27.0	370	0.113
Zinc	10/26/98	54.7	1500	0.113

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.06
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-66, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	10500	NLE	1.201
Antimony	10/26/98	1.55	14	0.240
Arsenic	10/26/98	13.6	20	0.240
Barium	10/26/98	49.5	700	0.060
Beryllium	10/26/98	1.71	1	0.060
Cadmium	10/26/98	0.33	1	0.060
Calcium	10/26/98	1910	NLE	2.401
Chromium	10/26/98	128	NLE	0.060
Cobalt	10/26/98	2.27	NLE	0.060
Copper	10/26/98	30.1	600	0.360
Iron	10/26/98	39300	NLE	1.201
Lead	10/26/98	69.4	100	0.240
Magnesium	10/26/98	5130	NLE	2.401
Manganese	10/26/98	32.0	NLE	0.060
Mercury	10/29/98	0.035	14	0.011
Nickel	10/26/98	8.12	250	0.060
Potassium	10/26/98	11600	NLE	2.401
Selenium	10/26/98	ND	63	0.360
Silver	10/26/98	ND	110	0.360
Sodium	10/26/98	91.7	NLE	2.401
Thallium	10/26/98	ND	2	0.360
Vanadium	10/26/98	24.0	370	0.120
Zinc	10/26/98	141	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.08
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-67, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8280	NLE	1.181
Antimony	10/26/98	5.96	14	0.236
Arsenic	10/26/98	15.8	20	0.236
Barium	10/26/98	56.0	700	0.059
Beryllium	10/26/98	1.36	1	0.059
Cadmium	10/26/98	0.465	1	0.059
Calcium	10/26/98	1520	NLE	2.362
Chromium	10/26/98	398	NLE	0.059
Cobalt	10/26/98	2.98	NLE	0.059
Copper	10/26/98	66.2	600	0.354
Iron	10/26/98	83400	NLE	1.181
Lead	10/26/98	99.2	100	0.236
Magnesium	10/26/98	3700	NLE	2.362
Manganese	10/26/98	172	NLE	0.059
Mercury	10/29/98	0.120	14	0.011
Nickel	10/26/98	10.8	250	0.059
Potassium	10/26/98	9060	NLE	2.362
Selenium	10/26/98	ND	63	0.354
Silver	10/26/98	ND	110	0.354
Sodium	10/26/98	126	NLE	2.362
Thallium	10/26/98	ND	2	0.354
Vanadium	10/26/98	20.8	370	0.118
Zinc	10/26/98	274	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.10
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-68, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8730	NLE	1.196
Antimony	10/26/98	1.19	14	0.239
Arsenic	10/26/98	10.7	20	0.239
Barium	10/26/98	32.7	700	0.060
Beryllium	10/26/98	1.60	1	0.060
Cadmium	10/26/98	0.628	1	0.060
Calcium	10/26/98	703	NLE	2.392
Chromium	10/26/98	103	NLE	0.060
Cobalt	10/26/98	1.50	NLE	0.060
Copper	10/26/98	10.4	600	0.359
Iron	10/26/98	35500	NLE	1.196
Lead	10/26/98	12.9	100	0.239
Magnesium	10/26/98	3710	NLE	2.392
Manganese	10/26/98	20.4	NLE	0.060
Mercury	10/29/98	0.058	14	0.011
Nickel	10/26/98	7.18	250	0.060
Potassium	10/26/98	8650	NLE	2.392
Selenium	10/26/98	ND	63	0.359
Silver	10/26/98	ND	110	0.359
Sodium	10/26/98	97.2	NLE	2.392
Thallium	10/26/98	ND	2	0.359
Vanadium	10/26/98	26.7	370	0.120
Zinc	10/26/98	77.2	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.12
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-69, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	7410	NLE	1.115
Antimony	10/26/98	0.228	14	0.223
Arsenic	10/26/98	10.2	20	0.223
Barium	10/26/98	463	700	0.056
Beryllium	10/26/98	0.666	1	0.056
Cadmium	10/26/98	0.526	1	0.056
Calcium	10/26/98	2660	NLE	2.229
Chromium	10/26/98	41.4	NLE	0.056
Cobalt	10/26/98	4.02	NLE	0.056
Copper	10/26/98	50.7	600	0.334
Iron	10/26/98	13200	NLE	1.115
Lead	10/26/98	107	100	0.223
Magnesium	10/26/98	1540	NLE	2.229
Manganese	10/26/98	90.9	NLE	0.056
Mercury	10/29/98	0.414	14	0.011
Nickel	10/26/98	14.6	250	0.056
Potassium	10/26/98	3940	NLE	2.229
Selenium	10/26/98	0.633	63	0.334
Silver	10/26/98	ND	110	0.334
Sodium	10/26/98	184	NLE	2.229
Thallium	10/26/98	ND	2	0.334
Vanadium	10/26/98	21.6	370	0.111
Zinc	10/26/98	250	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.14
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-70, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	13900	NLE	1.176
Antimony	10/26/98	0.761	14	0.235
Arsenic	10/26/98	22.5	20	0.235
Barium	10/26/98	40.0	700	0.059
Beryllium	10/26/98	0.885	1	0.059
Cadmium	10/26/98	0.531	1	0.059
Calcium	10/26/98	1410	NLE	2.352
Chromium	10/26/98	103	NLE	0.059
Cobalt	10/26/98	0.970	NLE	0.059
Copper	10/26/98	47.4	600	0.353
Iron	10/26/98	25100	NLE	1.176
Lead	10/26/98	22.8	100	0.235
Magnesium	10/26/98	3330	NLE	2.352
Manganese	10/26/98	33.5	NLE	0.059
Mercury	10/29/98	0.033	14	0.011
Nickel	10/26/98	5.17	250	0.059
Potassium	10/26/98	5410	NLE	2.352
Selenium	10/26/98	ND	63	0.353
Silver	10/26/98	ND	110	0.353
Sodium	10/26/98	153	NLE	2.352
Thallium	10/26/98	ND	2	0.353
Vanadium	10/26/98	50.4	370	0.118
Zinc	10/26/98	174	1500	0.118

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.16
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-71, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	9170	NLE	1.193
Antimony	10/26/98	1.04	14	0.239
Arsenic	10/26/98	14.1	20	0.239
Barium	10/26/98	120	700	0.060
Beryllium	10/26/98	1.14	1	0.060
Cadmium	10/26/98	1.18	1	0.060
Calcium	10/26/98	3650	NLE	2.387
Chromium	10/26/98	84.5	NLE	0.060
Cobalt	10/26/98	2.74	NLE	0.060
Copper	10/26/98	64.9	600	0.358
Iron	10/26/98	25400	NLE	1.193
Lead	10/26/98	178	100	0.239
Magnesium	10/26/98	3570	NLE	2.387
Manganese	10/26/98	114	NLE	0.060
Mercury	10/29/98	0.657	14	0.012
Nickel	10/26/98	11.4	250	0.060
Potassium	10/26/98	6310	NLE	2.387
Selenium	10/26/98	0.541	63	0.358
Silver	10/26/98	2.28	110	0.358
Sodium	10/26/98	198	NLE	2.387
Thallium	10/26/98	ND	2	0.358
Vanadium	10/26/98	31.6	370	0.119
Zinc	10/26/98	251	1500	0.119

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.18
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-72, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	8830	NLE	1.151
Antimony	10/26/98	1.51	14	0.230
Arsenic	10/26/98	8.78	20	0.230
Barium	10/26/98	53.3	700	0.058
Beryllium	10/26/98	1.46	1	0.058
Cadmium	10/26/98	0.347	1	0.058
Calcium	10/26/98	527	NLE	2.301
Chromium	10/26/98	111	NLE	0.058
Cobalt	10/26/98	2.47	NLE	0.058
Copper	10/26/98	67.2	600	0.345
Iron	10/26/98	34900	NLE	1.151
Lead	10/26/98	152	100	0.230
Magnesium	10/26/98	3710	NLE	2.301
Manganese	10/26/98	37.3	NLE	0.058
Mercury	10/29/98	1.971	14	0.010
Nickel	10/26/98	9.18	250	0.058
Potassium	10/26/98	9410	NLE	2.301
Selenium	10/26/98	ND	63	0.345
Silver	10/26/98	ND	110	0.345
Sodium	10/26/98	125	NLE	2.301
Thallium	10/26/98	ND	2	0.345
Vanadium	10/26/98	17.7	370	0.115
Zinc	10/26/98	145	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.20
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-73, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	7760	NLE	0.919
Antimony	10/26/98	1.33	14	0.184
Arsenic	10/26/98	9.27	20	0.184
Barium	10/26/98	18.1	700	0.046
Beryllium	10/26/98	1.23	1	0.046
Cadmium	10/26/98	0.15	1	0.046
Calcium	10/26/98	674	NLE	1.837
Chromium	10/26/98	93.2	NLE	0.046
Cobalt	10/26/98	1.68	NLE	0.046
Copper	10/26/98	1.81	600	0.276
Iron	10/26/98	32500	NLE	0.919
Lead	10/26/98	5.37	100	0.184
Magnesium	10/26/98	3040	NLE	1.837
Manganese	10/26/98	32.4	NLE	0.046
Mercury	10/29/98	0.031	14	0.010
Nickel	10/26/98	6.85	250	0.046
Potassium	10/26/98	6840	NLE	1.837
Selenium	10/26/98	ND	63	0.276
Silver	10/26/98	ND	110	0.276
Sodium	10/26/98	104	NLE	1.837
Thallium	10/26/98	ND	2	0.276
Vanadium	10/26/98	28.6	370	0.092
Zinc	10/26/98	48.5	1500	0.092

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 3996.22
Sample Received: 10/21/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-74, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analysis	Result	Soil Cleanup Criteria	MDL
Aluminum	10/26/98	6040	NLE	1.108
Antimony	10/26/98	0.823	14	0.222
Arsenic	10/26/98	7.13	20	0.222
Barium	10/26/98	12.2	700	0.055
Beryllium	10/26/98	0.938	1	0.055
Cadmium	10/26/98	0.209	1	0.055
Calcium	10/26/98	347	NLE	2.216
Chromium	10/26/98	74.1	NLE	0.055
Cobalt	10/26/98	1.48	NLE	0.055
Copper	10/26/98	1.91	600	0.332
Iron	10/26/98	24000	NLE	1.108
Lead	10/26/98	5.26	100	0.222
Magnesium	10/26/98	2120	NLE	2.216
Manganese	10/26/98	38.2	NLE	0.055
Mercury	10/29/98	0.017	14	0.010
Nickel	10/26/98	5.33	250	0.055
Potassium	10/26/98	4570	NLE	2.216
Selenium	10/26/98	ND	63	0.332
Silver	10/26/98	ND	110	0.332
Sodium	10/26/98	117	NLE	2.216
Thallium	10/26/98	ND	2	0.332
Vanadium	10/26/98	27.5	370	0.111
Zinc	10/26/98	36.3	1500	0.111

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.02
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-75, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5210	NLE	1.67
Antimony	11/16/98	ND	14	0.334
Arsenic	11/16/98	6.23	20	0.334
Barium	11/16/98	28.5	700	0.083
Beryllium	11/16/98	1.04	1	0.083
Cadmium	11/16/98	0.104	1	0.083
Calcium	11/16/98	913	NLE	3.34
Chromium	11/16/98	61.5	NLE	0.083
Cobalt	11/16/98	1.59	NLE	0.083
Copper	11/16/98	3.41	600	0.501
Iron	11/16/98	24400	NLE	1.67
Lead	11/16/98	5.54	100	0.334
Magnesium	11/16/98	2130	NLE	3.34
Manganese	11/16/98	42.1	NLE	0.083
Mercury	10/29/98	0.053	14	0.011
Nickel	11/16/98	5.30	250	0.083
Potassium	11/16/98	5430	NLE	3.34
Selenium	11/16/98	0.604	63	0.501
Silver	11/16/98	ND	110	0.501
Sodium	11/16/98	115	NLE	3.34
Thallium	11/16/98	ND	2	0.501
Vanadium	11/16/98	26.2	370	0.167
Zinc	11/16/98	45.3	1500	0.167

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.04
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-76, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5510	NLE	1.78
Antimony	11/16/98	0.410	14	0.355
Arsenic	11/16/98	6.89	20	0.355
Barium	11/16/98	23.6	700	0.089
Beryllium	11/16/98	1.05	1	0.089
Cadmium	11/16/98	0.158	1	0.089
Calcium	11/16/98	1060	NLE	3.55
Chromium	11/16/98	65.5	NLE	0.089
Cobalt	11/16/98	1.34	NLE	0.089
Copper	11/16/98	3.38	600	0.533
Iron	11/16/98	26800	NLE	1.78
Lead	11/16/98	5.67	100	0.355
Magnesium	11/16/98	2250	NLE	3.55
Manganese	11/16/98	33.3	NLE	0.089
Mercury	10/29/98	0.034	14	0.011
Nickel	11/16/98	5.91	250	0.089
Potassium	11/16/98	3730	NLE	3.55
Selenium	11/16/98	0.580	63	0.533
Silver	11/16/98	ND	110	0.533
Sodium	11/16/98	120	NLE	3.55
Thallium	11/16/98	ND	2	0.533
Vanadium	11/16/98	28.5	370	0.178
Zinc	11/16/98	48.0	1500	0.178

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.06
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-77, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	11700	NLE	1.35
Antimony	11/16/98	ND	14	0.270
Arsenic	11/16/98	12.3	20	0.270
Barium	11/16/98	30.5	700	0.067
Beryllium	11/16/98	2.230	1	0.067
Cadmium	11/16/98	0.112	1	0.067
Calcium	11/16/98	1410	NLE	2.70
Chromium	11/16/98	129	NLE	0.067
Cobalt	11/16/98	2.68	NLE	0.067
Copper	11/16/98	2.61	600	0.405
Iron	11/16/98	53000	NLE	1.35
Lead	11/16/98	5.85	100	0.270
Magnesium	11/16/98	5800	NLE	2.70
Manganese	11/16/98	41.1	NLE	0.067
Mercury	10/29/98	0.022	14	0.012
Nickel	11/16/98	9.11	250	0.067
Potassium	11/16/98	12700	NLE	2.70
Selenium	11/16/98	0.537	63	0.405
Silver	11/16/98	ND	110	0.405
Sodium	11/16/98	147	NLE	2.70
Thallium	11/16/98	ND	2	0.405
Vanadium	11/16/98	50.5	370	0.135
Zinc	11/16/98	75.2	1500	0.135

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.08
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-78, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7890	NLE	1.81
Antimony	11/16/98	ND	14	0.362
Arsenic	11/16/98	22.2	20	0.362
Barium	11/16/98	23.0	700	0.090
Beryllium	11/16/98	0.750	1	0.090
Cadmium	11/16/98	0.224	1	0.090
Calcium	11/16/98	1100	NLE	3.62
Chromium	11/16/98	128	NLE	0.090
Cobalt	11/16/98	0.624	NLE	0.090
Copper	11/16/98	41.9	600	0.543
Iron	11/16/98	23600	NLE	1.81
Lead	11/16/98	51.0	100	0.362
Magnesium	11/16/98	2670	NLE	3.62
Manganese	11/16/98	36.8	NLE	0.090
Mercury	10/29/98	0.026	14	0.012
Nickel	11/16/98	3.30	250	0.090
Potassium	11/16/98	4200	NLE	3.62
Selenium	11/16/98	1.22	63	0.543
Silver	11/16/98	ND	110	0.543
Sodium	11/16/98	122	NLE	3.62
Thallium	11/16/98	ND	2	0.543
Vanadium	11/16/98	20.9	370	0.181
Zinc	11/16/98	106	1500	0.181

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.10
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-79, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5860	NLE	1.67
Antimony	11/16/98	ND	14	0.334
Arsenic	11/16/98	21.7	20	0.334
Barium	11/16/98	10.8	700	0.084
Beryllium	11/16/98	0.654	1	0.084
Cadmium	11/16/98	0.199	1	0.084
Calcium	11/16/98	916	NLE	3.34
Chromium	11/16/98	86.6	NLE	0.084
Cobalt	11/16/98	0.403	NLE	0.084
Copper	11/16/98	13.5	600	0.501
Iron	11/16/98	12700	NLE	1.67
Lead	11/16/98	11.2	100	0.334
Magnesium	11/16/98	1900	NLE	3.34
Manganese	11/16/98	16.1	NLE	0.084
Mercury	10/29/98	0.018	14	0.011
Nickel	11/16/98	3.26	250	0.084
Potassium	11/16/98	4670	NLE	3.34
Selenium	11/16/98	ND	63	0.501
Silver	11/16/98	ND	110	0.501
Sodium	11/16/98	159	NLE	3.34
Thallium	11/16/98	ND	2	0.501
Vanadium	11/16/98	18.2	370	0.167
Zinc	11/16/98	25.1	1500	0.167

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established
* Higher of PQL's and Ground Water Quality Criteria as per N.J.A.C. 7:9-6

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.12
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-80, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	11300	NLE	1.89
Antimony	11/16/98	ND	14	0.378
Arsenic	11/16/98	19.6	20	0.378
Barium	11/16/98	59.3	700	0.095
Beryllium	11/16/98	1.34	1	0.095
Cadmium	11/16/98	0.312	1	0.095
Calcium	11/16/98	2070	NLE	3.78
Chromium	11/16/98	162	NLE	0.095
Cobalt	11/16/98	1.15	NLE	0.095
Copper	11/16/98	61.2	600	0.567
Iron	11/16/98	29500	NLE	1.89
Lead	11/16/98	72.4	100	0.378
Magnesium	11/16/98	4400	NLE	3.78
Manganese	11/16/98	27.6	NLE	0.095
Mercury	10/29/98	0.295	14	0.012
Nickel	11/16/98	6.53	250	0.095
Potassium	11/16/98	7730	NLE	3.78
Selenium	11/16/98	0.878	63	0.567
Silver	11/16/98	ND	110	0.567
Sodium	11/16/98	210	NLE	3.78
Thallium	11/16/98	ND	2	0.567
Vanadium	11/16/98	45.2	370	0.189
Zinc	11/16/98	174	1500	0.189

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.14
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-81, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	12900	NLE	1.70
Antimony	11/16/98	ND	14	0.340
Arsenic	11/16/98	25.6	20	0.340
Barium	11/16/98	118	700	0.085
Beryllium	11/16/98	1.59	1	0.085
Cadmium	11/16/98	1.20	1	0.085
Calcium	11/16/98	2860	NLE	3.40
Chromium	11/16/98	185	NLE	0.085
Cobalt	11/16/98	1.69	NLE	0.085
Copper	11/16/98	109	600	0.510
Iron	11/16/98	42400	NLE	1.70
Lead	11/16/98	134	100	0.340
Magnesium	11/16/98	5400	NLE	3.40
Manganese	11/16/98	84.0	NLE	0.085
Mercury	10/29/98	0.794	14	0.011
Nickel	11/16/98	7.82	250	0.085
Potassium	11/16/98	9790	NLE	3.40
Selenium	11/16/98	2.01	63	0.510
Silver	11/16/98	4.25	110	0.510
Sodium	11/16/98	178	NLE	3.40
Thallium	11/16/98	ND	2	0.510
Vanadium	11/16/98	61.6	370	0.170
Zinc	11/16/98	237	1500	0.170

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.16
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-82, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6360	NLE	1.72
Antimony	11/16/98	ND	14	0.344
Arsenic	11/16/98	19.2	20	0.344
Barium	11/16/98	79.5	700	0.086
Beryllium	11/16/98	0.698	1	0.086
Cadmium	11/16/98	0.437	1	0.086
Calcium	11/16/98	2050	NLE	3.44
Chromium	11/16/98	74.7	NLE	0.086
Cobalt	11/16/98	1.29	NLE	0.086
Copper	11/16/98	76.0	600	0.516
Iron	11/16/98	19500	NLE	1.72
Lead	11/16/98	59.4	100	0.344
Magnesium	11/16/98	1910	NLE	3.44
Manganese	11/16/98	83.5	NLE	0.086
Mercury	10/29/98	0.140	14	0.011
Nickel	11/16/98	5.86	250	0.086
Potassium	11/16/98	4340	NLE	3.44
Selenium	11/16/98	0.987	63	0.516
Silver	11/16/98	0.629	110	0.516
Sodium	11/16/98	220	NLE	3.44
Thallium	11/16/98	ND	2	0.516
Vanadium	11/16/98	25.6	370	0.172
Zinc	11/16/98	191	1500	0.172

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.18
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-83, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	9910	NLE	1.52
Antimony	11/16/98	ND	14	0.304
Arsenic	11/16/98	11.1	20	0.304
Barium	11/16/98	24.3	700	0.076
Beryllium	11/16/98	1.95	1	0.076
Cadmium	11/16/98	0.155	1	0.076
Calcium	11/16/98	1000	NLE	3.04
Chromium	11/16/98	109	NLE	0.076
Cobalt	11/16/98	2.27	NLE	0.076
Copper	11/16/98	3.66	600	0.456
Iron	11/16/98	47600	NLE	1.52
Lead	11/16/98	59.5	100	0.304
Magnesium	11/16/98	4960	NLE	3.04
Manganese	11/16/98	38.7	NLE	0.076
Mercury	10/29/98	0.013	14	0.012
Nickel	11/16/98	7.61	250	0.076
Potassium	11/16/98	11100	NLE	3.04
Selenium	11/16/98	ND	63	0.456
Silver	11/16/98	ND	110	0.456
Sodium	11/16/98	105	NLE	3.04
Thallium	11/16/98	ND	2	0.456
Vanadium	11/16/98	41.3	370	0.152
Zinc	11/16/98	66.2	1500	0.152

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.20
Sample Received: 10/26/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-84, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	12100	NLE	1.84
Antimony	11/16/98	ND	14	0.367
Arsenic	11/16/98	12.1	20	0.367
Barium	11/16/98	24.3	700	0.092
Beryllium	11/16/98	2.31	1	0.092
Cadmium	11/16/98	ND	1	0.092
Calcium	11/16/98	1360	NLE	3.67
Chromium	11/16/98	131	NLE	0.092
Cobalt	11/16/98	2.77	NLE	0.092
Copper	11/16/98	6.12	600	0.551
Iron	11/16/98	58800	NLE	1.84
Lead	11/16/98	23.4	100	0.367
Magnesium	11/16/98	6780	NLE	3.67
Manganese	11/16/98	34.5	NLE	0.092
Mercury	10/29/98	0.040	14	0.012
Nickel	11/16/98	8.42	250	0.092
Potassium	11/16/98	15000	NLE	3.67
Selenium	11/16/98	0.574	63	0.551
Silver	11/16/98	ND	110	0.551
Sodium	11/16/98	150	NLE	3.67
Thallium	11/16/98	ND	2	0.551
Vanadium	11/16/98	61.9	370	0.184
Zinc	11/16/98	81.4	1500	0.184

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.22
Sample Received: 10/26/98
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-85, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7880	NLE	1.14
Antimony	11/16/98	ND	14	0.228
Arsenic	11/16/98	9.95	20	0.228
Barium	11/16/98	28.0	700	0.057
Beryllium	11/16/98	1.42	1	0.057
Cadmium	11/16/98	0.129	1	0.057
Calcium	11/16/98	1900	NLE	2.28
Chromium	11/16/98	92.7	NLE	0.057
Cobalt	11/16/98	2.42	NLE	0.057
Copper	11/16/98	7.07	600	0.342
Iron	11/16/98	36100	NLE	1.14
Lead	11/16/98	60.5	100	0.228
Magnesium	11/16/98	3750	NLE	2.28
Manganese	11/16/98	34.8	NLE	0.057
Mercury	10/29/98	0.041	14	0.011
Nickel	11/16/98	5.84	250	0.057
Potassium	11/16/98	7650	NLE	2.28
Selenium	11/16/98	0.484	63	0.342
Silver	11/16/98	ND	110	0.342
Sodium	11/16/98	105	NLE	2.28
Thallium	11/16/98	ND	2	0.342
Vanadium	11/16/98	35.6	370	0.114
Zinc	11/16/98	74.3	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.24
Sample Received: 10/26/98
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-86, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7970	NLE	1.86
Antimony	11/16/98	0.513	14	0.373
Arsenic	11/16/98	25.6	20	0.373
Barium	11/16/98	92.4	700	0.093
Beryllium	11/16/98	0.904	1	0.093
Cadmium	11/16/98	0.791	1	0.093
Calcium	11/16/98	1780	NLE	3.73
Chromium	11/16/98	98.0	NLE	0.093
Cobalt	11/16/98	1.85	NLE	0.093
Copper	11/16/98	204	600	0.559
Iron	11/16/98	27100	NLE	1.86
Lead	11/16/98	202.0	100	0.373
Magnesium	11/16/98	2770	NLE	3.73
Manganese	11/16/98	121	NLE	0.093
Mercury	10/29/98	0.148	14	0.011
Nickel	11/16/98	6.67	250	0.093
Potassium	11/16/98	4380	NLE	3.73
Selenium	11/16/98	1.11	63	0.559
Silver	11/16/98	ND	110	0.559
Sodium	11/16/98	120	NLE	3.73
Thallium	11/16/98	ND	2	0.559
Vanadium	11/16/98	38.0	370	0.186
Zinc	11/16/98	410	1500	0.186

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.26
Sample Received: 10/26/98
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-87, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	14900	NLE	1.17
Antimony	11/16/98	0.506	14	0.235
Arsenic	11/16/98	20.4	20	0.235
Barium	11/16/98	219	700	0.059
Beryllium	11/16/98	1.86	1	0.059
Cadmium	11/16/98	0.388	1	0.059
Calcium	11/16/98	312	NLE	2.35
Chromium	11/16/98	168	NLE	0.059
Cobalt	11/16/98	2.41	NLE	0.059
Copper	11/16/98	92.8	600	0.352
Iron	11/16/98	49200	NLE	1.17
Lead	11/16/98	147.0	100	0.235
Magnesium	11/16/98	5670	NLE	2.35
Manganese	11/16/98	25.8	NLE	0.059
Mercury	10/29/98	3.539	14	0.110
Nickel	11/16/98	8.08	250	0.059
Potassium	11/16/98	12900	NLE	2.35
Selenium	11/16/98	1.13	63	0.352
Silver	11/16/98	16.0	110	0.352
Sodium	11/16/98	170	NLE	2.35
Thallium	11/16/98	ND	2	0.352
Vanadium	11/16/98	67.8	370	0.117
Zinc	11/16/98	93.6	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.28
Sample Received: 10/26/98
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-88, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5120	NLE	1.42
Antimony	11/16/98	ND	14	0.284
Arsenic	11/16/98	7.27	20	0.284
Barium	11/16/98	15.3	700	0.071
Beryllium	11/16/98	0.597	1	0.071
Cadmium	11/16/98	0.114	1	0.071
Calcium	11/16/98	987	NLE	2.84
Chromium	11/16/98	49.6	NLE	0.071
Cobalt	11/16/98	0.914	NLE	0.071
Copper	11/16/98	4.62	600	0.427
Iron	11/16/98	17800	NLE	1.42
Lead	11/16/98	12.3	100	0.284
Magnesium	11/16/98	1490	NLE	2.84
Manganese	11/16/98	26.6	NLE	0.071
Mercury	10/29/98	0.067	14	0.011
Nickel	11/16/98	3.32	250	0.071
Potassium	11/16/98	3780	NLE	2.84
Selenium	11/16/98	0.614	63	0.427
Silver	11/16/98	ND	110	0.427
Sodium	11/16/98	63.3	NLE	2.84
Thallium	11/16/98	ND	2	0.427
Vanadium	11/16/98	21.0	370	0.142
Zinc	11/16/98	33.0	1500	0.142

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4007.30
Sample Received: 10/26/98
Sample Matrix: Aqueous

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-89, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7770	NLE	1.09
Antimony	11/16/98	ND	14	0.218
Arsenic	11/16/98	8.40	20	0.218
Barium	11/16/98	18.9	700	0.055
Beryllium	11/16/98	1.41	1	0.055
Cadmium	11/16/98	ND	1	0.055
Calcium	11/16/98	1130	NLE	2.18
Chromium	11/16/98	90.8	NLE	0.055
Cobalt	11/16/98	1.65	NLE	0.055
Copper	11/16/98	2.91	600	0.327
Iron	11/16/98	35100	NLE	1.09
Lead	11/16/98	10.6	100	0.218
Magnesium	11/16/98	3480	NLE	2.18
Manganese	11/16/98	27.4	NLE	0.055
Mercury	10/29/98	0.038	14	0.011
Nickel	11/16/98	5.25	250	0.055
Potassium	11/16/98	7350	NLE	2.18
Selenium	11/16/98	0.539	63	0.327
Silver	11/16/98	ND	110	0.327
Sodium	11/16/98	109	NLE	2.18
Thallium	11/16/98	ND	2	0.327
Vanadium	11/16/98	31.4	370	0.109
Zinc	11/16/98	53.2	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4009.02
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-90, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	9080	NLE	1.78
Antimony	11/16/98	ND	14	0.357
Arsenic	11/16/98	10.1	20	0.357
Barium	11/16/98	26.7	700	0.089
Beryllium	11/16/98	1.63	1	0.089
Cadmium	11/16/98	1140	1	0.089
Calcium	11/16/98	0.161	NLE	3.57
Chromium	11/16/98	104	NLE	0.089
Cobalt	11/16/98	1.94	NLE	0.089
Copper	11/16/98	4.58	600	0.535
Iron	11/16/98	44800	NLE	1.78
Lead	11/16/98	25.8	100	0.357
Magnesium	11/16/98	4390	NLE	3.57
Manganese	11/16/98	28.7	NLE	0.089
Mercury	10/29/98	0.037	14	0.011
Nickel	11/16/98	6.03	250	0.089
Potassium	11/16/98	9180	NLE	3.57
Selenium	11/16/98	0.665	63	0.535
Silver	11/16/98	ND	110	0.535
Sodium	11/16/98	135	NLE	3.57
Thallium	11/16/98	ND	2	0.535
Vanadium	11/16/98	39.5	370	0.178
Zinc	11/16/98	61.2	1500	0.178

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
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Lab ID #: 4009.04
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-91, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	10100	NLE	2.03
Antimony	11/16/98	ND	14	0.406
Arsenic	11/16/98	20.8	20	0.406
Barium	11/16/98	73.7	700	0.102
Beryllium	11/16/98	1.30	1	0.102
Cadmium	11/16/98	0.583	1	0.102
Calcium	11/16/98	1410	NLE	4.06
Chromium	11/16/98	129	NLE	0.102
Cobalt	11/16/98	1.99	NLE	0.102
Copper	11/16/98	125	600	0.609
Iron	11/16/98	34400	NLE	2.03
Lead	11/16/98	226	100	0.406
Magnesium	11/16/98	3880	NLE	4.06
Manganese	11/16/98	105	NLE	0.102
Mercury	10/29/98	0.697	14	0.012
Nickel	11/16/98	7.43	250	0.102
Potassium	11/16/98	7100	NLE	4.06
Selenium	11/16/98	1.00	63	0.609
Silver	11/16/98	1.36	110	0.609
Sodium	11/16/98	148	NLE	4.06
Thallium	11/16/98	ND	2	0.609
Vanadium	11/16/98	42.0	370	0.203
Zinc	11/16/98	167	1500	0.203

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4009.06
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-92, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	10400	NLE	2.25
Antimony	11/16/98	ND	14	0.449
Arsenic	11/16/98	15.8	20	0.449
Barium	11/16/98	120	700	0.112
Beryllium	11/16/98	1.92	1	0.112
Cadmium	11/16/98	3.80	1	0.112
Calcium	11/16/98	1100	NLE	4.49
Chromium	11/16/98	142	NLE	0.112
Cobalt	11/16/98	3.07	NLE	0.112
Copper	11/16/98	195	600	0.674
Iron	11/16/98	47600	NLE	2.25
Lead	11/16/98	293	100	0.449
Magnesium	11/16/98	4450	NLE	4.49
Manganese	11/16/98	34.2	NLE	0.112
Mercury	10/29/98	3.81	14	0.120
Nickel	11/16/98	12.1	250	0.112
Potassium	11/16/98	9940	NLE	4.49
Selenium	11/16/98	1.59	63	0.674
Silver	11/16/98	12.2	110	0.674
Sodium	11/16/98	178	NLE	4.49
Thallium	11/16/98	ND	2	0.674
Vanadium	11/16/98	43.5	370	0.225
Zinc	11/16/98	178	1500	0.225

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4009.08
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-93, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	11300	NLE	1.98
Antimony	11/16/98	0.490	14	0.396
Arsenic	11/16/98	23.3	20	0.396
Barium	11/16/98	214	700	0.099
Beryllium	11/16/98	1.17	1	0.099
Cadmium	11/16/98	0.827	1	0.099
Calcium	11/16/98	431	NLE	3.96
Chromium	11/16/98	122	NLE	0.099
Cobalt	11/16/98	2.69	NLE	0.099
Copper	11/16/98	98.6	600	0.594
Iron	11/16/98	51000	NLE	1.98
Lead	11/16/98	187	100	0.396
Magnesium	11/16/98	3920	NLE	3.96
Manganese	11/16/98	34.0	NLE	0.099
Mercury	10/29/98	0.408	14	0.013
Nickel	11/16/98	13.8	250	0.099
Potassium	11/16/98	8900	NLE	3.96
Selenium	11/16/98	1.11	63	0.594
Silver	11/16/98	1.81	110	0.594
Sodium	11/16/98	382	NLE	3.96
Thallium	11/16/98	ND	2	0.594
Vanadium	11/16/98	52.9	370	0.198
Zinc	11/16/98	132	1500	0.198

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4009.10
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-94, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	12100	NLE	1.87
Antimony	11/16/98	0.770	14	0.373
Arsenic	11/16/98	19.8	20	0.373
Barium	11/16/98	45.8	700	0.093
Beryllium	11/16/98	1.60	1	0.093
Cadmium	11/16/98	0.128	1	0.093
Calcium	11/16/98	4310	NLE	3.73
Chromium	11/16/98	156	NLE	0.093
Cobalt	11/16/98	2.51	NLE	0.093
Copper	11/16/98	12.2	600	0.560
Iron	11/16/98	44100	NLE	1.87
Lead	11/16/98	127	100	0.373
Magnesium	11/16/98	5280	NLE	3.73
Manganese	11/16/98	32.7	NLE	0.093
Mercury	10/29/98	0.135	14	0.012
Nickel	11/16/98	7.75	250	0.093
Potassium	11/16/98	10100	NLE	3.73
Selenium	11/16/98	0.994	63	0.560
Silver	11/16/98	ND	110	0.560
Sodium	11/16/98	126	NLE	3.73
Thallium	11/16/98	ND	2	0.560
Vanadium	11/16/98	42.3	370	0.187
Zinc	11/16/98	84.1	1500	0.187

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4009.12
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-95, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	8130	NLE	1.43
Antimony	11/16/98	0.302	14	0.285
Arsenic	11/16/98	12.3	20	0.285
Barium	11/16/98	103	700	0.071
Beryllium	11/16/98	1.06	1	0.071
Cadmium	11/16/98	0.658	1	0.071
Calcium	11/16/98	2650	NLE	2.85
Chromium	11/16/98	95.9	NLE	0.071
Cobalt	11/16/98	2.24	NLE	0.071
Copper	11/16/98	104	600	0.428
Iron	11/16/98	26500	NLE	1.43
Lead	11/16/98	119	100	0.285
Magnesium	11/16/98	3100	NLE	2.85
Manganese	11/16/98	190	NLE	0.071
Mercury	10/29/98	0.082	14	0.011
Nickel	11/16/98	6.20	250	0.071
Potassium	11/16/98	5020	NLE	2.85
Selenium	11/16/98	0.773	63	0.428
Silver	11/16/98	ND	110	0.428
Sodium	11/16/98	125	NLE	2.85
Thallium	11/16/98	ND	2	0.428
Vanadium	11/16/98	32.9	370	0.143
Zinc	11/16/98	350	1500	0.143

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4009.14
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-96, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	12500	NLE	1.56
Antimony	11/16/98	ND	14	0.312
Arsenic	11/16/98	19.4	20	0.312
Barium	11/16/98	69.8	700	0.078
Beryllium	11/16/98	2.01	1	0.078
Cadmium	11/16/98	0.951	1	0.078
Calcium	11/16/98	2060	NLE	3.12
Chromium	11/16/98	160	NLE	0.078
Cobalt	11/16/98	3.64	NLE	0.078
Copper	11/16/98	21.0	600	0.468
Iron	11/16/98	48200	NLE	1.56
Lead	11/16/98	30.2	100	0.312
Magnesium	11/16/98	6190	NLE	3.12
Manganese	11/16/98	43.3	NLE	0.078
Mercury	10/29/98	0.232	14	0.012
Nickel	11/16/98	13.5	250	0.078
Potassium	11/16/98	13500	NLE	3.12
Selenium	11/16/98	0.845	63	0.468
Silver	11/16/98	0.783	110	0.468
Sodium	11/16/98	158	NLE	3.12
Thallium	11/16/98	ND	2	0.468
Vanadium	11/16/98	35.2	370	0.156
Zinc	11/16/98	190	1500	0.156

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Client: U.S. Army
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Lab ID #: 4009.16
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-97, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	11500	NLE	1.09
Antimony	11/16/98	ND	14	0.218
Arsenic	11/16/98	10.2	20	0.218
Barium	11/16/98	61.6	700	0.055
Beryllium	11/16/98	1.37	1	0.055
Cadmium	11/16/98	0.310	1	0.055
Calcium	11/16/98	1110	NLE	2.18
Chromium	11/16/98	117	NLE	0.055
Cobalt	11/16/98	2.69	NLE	0.055
Copper	11/16/98	11.8	600	0.327
Iron	11/16/98	32200	NLE	1.09
Lead	11/16/98	21.7	100	0.218
Magnesium	11/16/98	3970	NLE	2.18
Manganese	11/16/98	62.2	NLE	0.055
Mercury	10/29/98	0.131	14	0.011
Nickel	11/16/98	8.16	250	0.055
Potassium	11/16/98	8000	NLE	2.18
Selenium	11/16/98	0.747	63	0.327
Silver	11/16/98	ND	110	0.327
Sodium	11/16/98	131	NLE	2.18
Thallium	11/16/98	ND	2	0.327
Vanadium	11/16/98	43.2	370	0.109
Zinc	11/16/98	105	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Establishe

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Client: U.S. Army
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Lab ID #: 4009.18
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-98, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7970	NLE	1.42
Antimony	11/16/98	ND	14	0.285
Arsenic	11/16/98	4.60	20	0.285
Barium	11/16/98	24.0	700	0.071
Beryllium	11/16/98	1.24	1	0.071
Cadmium	11/16/98	0.178	1	0.071
Calcium	11/16/98	3060	NLE	2.85
Chromium	11/16/98	109	NLE	0.071
Cobalt	11/16/98	4.07	NLE	0.071
Copper	11/16/98	4.24	600	0.427
Iron	11/16/98	27700	NLE	1.42
Lead	11/16/98	9.54	100	0.285
Magnesium	11/16/98	3710	NLE	2.85
Manganese	11/16/98	11.8	NLE	0.071
Mercury	10/29/98	0.036	14	0.011
Nickel	11/16/98	15.8	250	0.071
Potassium	11/16/98	9930	NLE	2.85
Selenium	11/16/98	ND	63	0.427
Silver	11/16/98	ND	110	0.427
Sodium	11/16/98	139	NLE	2.85
Thallium	11/16/98	ND	2	0.427
Vanadium	11/16/98	12.2	370	0.142
Zinc	11/16/98	104	1500	0.142

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Ft. Monmouth, NJ 07703

Lab ID #: 4009.20
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-99, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	14100	NLE	1.63
Antimony	11/16/98	0.685	14	0.327
Arsenic	11/16/98	14.1	20	0.327
Barium	11/16/98	182	700	0.082
Beryllium	11/16/98	2.17	1	0.082
Cadmium	11/16/98	3.18	1	0.082
Calcium	11/16/98	1850	NLE	3.27
Chromium	11/16/98	184	NLE	0.082
Cobalt	11/16/98	4.13	NLE	0.082
Copper	11/16/98	134	600	0.490
Iron	11/16/98	51000	NLE	1.63
Lead	11/16/98	162	100	0.327
Magnesium	11/16/98	6800	NLE	3.27
Manganese	11/16/98	48.1	NLE	0.082
Mercury	10/29/98	1.50	14	0.024
Nickel	11/16/98	13.0	250	0.082
Potassium	11/16/98	15500	NLE	3.27
Selenium	11/16/98	1.26	63	0.490
Silver	11/16/98	15.2	110	0.490
Sodium	11/16/98	245	NLE	3.27
Thallium	11/16/98	ND	2	0.490
Vanadium	11/16/98	54.8	370	0.163
Zinc	11/16/98	204	1500	0.163

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4009.22
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-100, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5150	NLE	1.72
Antimony	11/16/98	0.362	14	0.344
Arsenic	11/16/98	7.22	20	0.344
Barium	11/16/98	96.0	700	0.086
Beryllium	11/16/98	1.06	1	0.086
Cadmium	11/16/98	0.491	1	0.086
Calcium	11/16/98	1290	NLE	3.44
Chromium	11/16/98	65.7	NLE	0.086
Cobalt	11/16/98	2.52	NLE	0.086
Copper	11/16/98	28.5	600	0.516
Iron	11/16/98	21000	NLE	1.72
Lead	11/16/98	214	100	0.344
Magnesium	11/16/98	2080	NLE	3.44
Manganese	11/16/98	34.7	NLE	0.086
Mercury	10/29/98	0.238	14	0.011
Nickel	11/16/98	9.17	250	0.086
Potassium	11/16/98	4660	NLE	3.44
Selenium	11/16/98	0.693	63	0.516
Silver	11/16/98	ND	110	0.516
Sodium	11/16/98	104	NLE	3.44
Thallium	11/16/98	ND	2	0.516
Vanadium	11/16/98	21.4	370	0.172
Zinc	11/16/98	130	1500	0.172

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4009.24
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-101, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	10500	NLE	1.72
Antimony	11/16/98	ND	14	0.344
Arsenic	11/16/98	15.4	20	0.344
Barium	11/16/98	97.0	700	0.086
Beryllium	11/16/98	1.07	1	0.086
Cadmium	11/16/98	ND	1	0.086
Calcium	11/16/98	401	NLE	3.44
Chromium	11/16/98	108	NLE	0.086
Cobalt	11/16/98	2.15	NLE	0.086
Copper	11/16/98	23	600	0.515
Iron	11/16/98	34800	NLE	1.72
Lead	11/16/98	399	100	0.344
Magnesium	11/16/98	3100	NLE	3.44
Manganese	11/16/98	21.9	NLE	0.086
Mercury	10/29/98	0.176	14	0.011
Nickel	11/16/98	6.24	250	0.086
Potassium	11/16/98	6010	NLE	3.44
Selenium	11/16/98	1.24	63	0.515
Silver	11/16/98	ND	110	0.515
Sodium	11/16/98	129	NLE	3.44
Thallium	11/16/98	ND	2	0.515
Vanadium	11/16/98	50.1	370	0.172
Zinc	11/16/98	88.9	1500	0.172

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4009.26
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-102, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	15700	NLE	1.65
Antimony	11/16/98	ND	14	0.330
Arsenic	11/16/98	13.4	20	0.330
Barium	11/16/98	29.4	700	0.082
Beryllium	11/16/98	2.52	1	0.082
Cadmium	11/16/98	0.096	1	0.082
Calcium	11/16/98	1500	NLE	3.30
Chromium	11/16/98	200	NLE	0.082
Cobalt	11/16/98	5.50	NLE	0.082
Copper	11/16/98	4.58	600	0.495
Iron	11/16/98	55900	NLE	1.65
Lead	11/16/98	11.9	100	0.330
Magnesium	11/16/98	8570	NLE	3.30
Manganese	11/16/98	24.3	NLE	0.082
Mercury	10/29/98	0.021	14	0.012
Nickel	11/16/98	16.3	250	0.082
Potassium	11/16/98	20900	NLE	3.299
Selenium	11/16/98	ND	63	0.495
Silver	11/16/98	ND	110	0.495
Sodium	11/16/98	148	NLE	3.30
Thallium	11/16/98	ND	2	0.495
Vanadium	11/16/98	34.9	370	0.165
Zinc	11/16/98	133	1500	0.165

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4009.28
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-103, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6380	NLE	1.70
Antimony	11/16/98	ND	14	0.341
Arsenic	11/16/98	18.5	20	0.341
Barium	11/16/98	45.6	700	0.085
Beryllium	11/16/98	0.998	1	0.085
Cadmium	11/16/98	0.128	1	0.085
Calcium	11/16/98	1230	NLE	3.41
Chromium	11/16/98	89.9	NLE	0.085
Cobalt	11/16/98	2.61	NLE	0.085
Copper	11/16/98	3.15	600	0.511
Iron	11/16/98	25400	NLE	1.70
Lead	11/16/98	26.7	100	0.341
Magnesium	11/16/98	2660	NLE	3.41
Manganese	11/16/98	19.7	NLE	0.085
Mercury	10/29/98	0.024	14	0.013
Nickel	11/16/98	6.05	250	0.085
Potassium	11/16/98	6300	NLE	3.41
Selenium	11/16/98	ND	63	0.511
Silver	11/16/98	ND	110	0.511
Sodium	11/16/98	85.1	NLE	3.41
Thallium	11/16/98	ND	2	0.511
Vanadium	11/16/98	11.5	370	0.170
Zinc	11/16/98	82.3	1500	0.170

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4009.30
Sample Received: 10/27/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-104, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7030	NLE	1.41
Antimony	11/16/98	ND	14	0.282
Arsenic	11/16/98	4.96	20	0.282
Barium	11/16/98	43.0	700	0.071
Beryllium	11/16/98	1.1	1	0.071
Cadmium	11/16/98	0.177	1	0.071
Calcium	11/16/98	1760	NLE	2.82
Chromium	11/16/98	105	NLE	0.071
Cobalt	11/16/98	2.63	NLE	0.071
Copper	11/16/98	11.8	600	0.424
Iron	11/16/98	27800	NLE	1.41
Lead	11/16/98	11.1	100	0.282
Magnesium	11/16/98	3330	NLE	2.82
Manganese	11/16/98	13.2	NLE	0.071
Mercury	10/29/98	0.056	14	0.011
Nickel	11/16/98	12.6	250	0.071
Potassium	11/16/98	8480	NLE	2.82
Selenium	11/16/98	ND	63	0.424
Silver	11/16/98	ND	110	0.424
Sodium	11/16/98	116	NLE	2.82
Thallium	11/16/98	ND	2	0.424
Vanadium	11/16/98	12.9	370	0.141
Zinc	11/16/98	101	1500	0.141

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.02
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-105, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	13600	NLE	1.65
Antimony	11/16/98	ND	14	0.329
Arsenic	11/16/98	11.9	20	0.329
Barium	11/16/98	68.9	700	0.082
Beryllium	11/16/98	1.56	1	0.082
Cadmium	11/16/98	ND	1	0.082
Calcium	11/16/98	333	NLE	3.29
Chromium	11/16/98	140	NLE	0.082
Cobalt	11/16/98	2.14	NLE	0.082
Copper	11/16/98	13.5	600	0.494
Iron	11/16/98	40500	NLE	1.65
Lead	11/16/98	23.5	100	0.329
Magnesium	11/16/98	4760	NLE	3.29
Manganese	11/16/98	22.1	NLE	0.082
Mercury	11/17/98	0.061	14	0.018
Nickel	11/16/98	6.31	250	0.082
Potassium	11/16/98	9490	NLE	3.29
Selenium	11/16/98	1.16	63	0.494
Silver	11/16/98	ND	110	0.494
Sodium	11/16/98	164	NLE	3.29
Thallium	11/16/98	ND	2	0.494
Vanadium	11/16/98	61.2	370	0.165
Zinc	11/16/98	59.1	1500	0.165

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
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Lab ID #: 4024.04
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-106, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7230	NLE	1.79
Antimony	11/16/98	0.370	14	0.358
Arsenic	11/16/98	13.0	20	0.358
Barium	11/16/98	41.1	700	0.089
Beryllium	11/16/98	1.18	1	0.089
Cadmium	11/16/98	0.284	1	0.089
Calcium	11/16/98	2080	NLE	3.58
Chromium	11/16/98	87.3	NLE	0.089
Cobalt	11/16/98	2.88	NLE	0.089
Copper	11/16/98	11.0	600	0.536
Iron	11/16/98	27000	NLE	1.79
Lead	11/16/98	79.0	100	0.358
Magnesium	11/16/98	2930	NLE	3.58
Manganese	11/16/98	43.7	NLE	0.089
Mercury	11/17/98	0.032	14	0.020
Nickel	11/16/98	8.52	250	0.089
Potassium	11/16/98	5450	NLE	3.58
Selenium	11/16/98	0.731	63	0.536
Silver	11/16/98	ND	110	0.536
Sodium	11/16/98	198	NLE	3.58
Thallium	11/16/98	ND	2	0.536
Vanadium	11/16/98	23.0	370	0.179
Zinc	11/16/98	109	1500	0.179

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.06
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-107, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6840	NLE	1.89
Antimony	11/16/98	1.34	14	0.378
Arsenic	11/16/98	10.6	20	0.378
Barium	11/16/98	88.3	700	0.094
Beryllium	11/16/98	1.47	1	0.094
Cadmium	11/16/98	0.487	1	0.094
Calcium	11/16/98	871	NLE	3.78
Chromium	11/16/98	74.9	NLE	0.094
Cobalt	11/16/98	3.95	NLE	0.094
Copper	11/16/98	357	600	0.566
Iron	11/16/98	70100	NLE	1.89
Lead	11/16/98	515	100	0.378
Magnesium	11/16/98	2340	NLE	3.78
Manganese	11/16/98	140	NLE	0.094
Mercury	11/17/98	16.1	14	0.240
Nickel	11/16/98	20.5	250	0.094
Potassium	11/16/98	5690	NLE	3.78
Selenium	11/16/98	1.17	63	0.566
Silver	11/16/98	43.2	110	0.566
Sodium	11/16/98	144	NLE	3.78
Thallium	11/16/98	ND	2	0.566
Vanadium	11/16/98	26.8	370	0.189
Zinc	11/16/98	393	1500	0.189

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.08
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-108, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6340	NLE	1.71
Antimony	11/16/98	0.439	14	0.343
Arsenic	11/16/98	10.2	20	0.343
Barium	11/16/98	34.1	700	0.086
Beryllium	11/16/98	1.07	1	0.086
Cadmium	11/16/98	0.168	1	0.086
Calcium	11/16/98	1800	NLE	3.43
Chromium	11/16/98	91.6	NLE	0.086
Cobalt	11/16/98	3.17	NLE	0.086
Copper	11/16/98	6.07	600	0.514
Iron	11/16/98	26000	NLE	1.71
Lead	11/16/98	12.4	100	0.343
Magnesium	11/16/98	3000	NLE	3.43
Manganese	11/16/98	17.6	NLE	0.086
Mercury	11/17/98	0.083	14	0.015
Nickel	11/16/98	8.93	250	0.086
Potassium	11/16/98	6990	NLE	3.43
Selenium	11/16/98	ND	63	0.514
Silver	11/16/98	ND	110	0.514
Sodium	11/16/98	103	NLE	3.43
Thallium	11/16/98	ND	2	0.514
Vanadium	11/16/98	14.4	370	0.171
Zinc	11/16/98	98.5	1500	0.171

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.10
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-109, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	15500	NLE	1.07
Antimony	11/16/98	ND	14	0.214
Arsenic	11/16/98	12.6	20	0.214
Barium	11/16/98	327	700	0.054
Beryllium	11/16/98	1.85	1	0.054
Cadmium	11/16/98	0.123	1	0.054
Calcium	11/16/98	578	NLE	2.14
Chromium	11/16/98	163	NLE	0.054
Cobalt	11/16/98	2.39	NLE	0.054
Copper	11/16/98	30.8	600	0.321
Iron	11/16/98	42300	NLE	1.07
Lead	11/16/98	119	100	0.214
Magnesium	11/16/98	5300	NLE	2.14
Manganese	11/16/98	16.7	NLE	0.054
Mercury	11/17/98	0.068	14	0.016
Nickel	11/16/98	7.16	250	0.054
Potassium	11/16/98	11900	NLE	2.14
Selenium	11/16/98	1.07	63	0.321
Silver	11/16/98	7.83	110	0.321
Sodium	11/16/98	204	NLE	2.14
Thallium	11/16/98	ND	2	0.321
Vanadium	11/16/98	56.4	370	0.107
Zinc	11/16/98	63.4	1500	0.107

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
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Ft. Monmouth, NJ 07703

Lab ID #: 4024.12
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-110, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7520	NLE	1.14
Antimony	11/16/98	0.318	14	0.228
Arsenic	11/16/98	11.2	20	0.228
Barium	11/16/98	73.0	700	0.057
Beryllium	11/16/98	1.46	1	0.057
Cadmium	11/16/98	0.235	1	0.057
Calcium	11/16/98	2150	NLE	2.28
Chromium	11/16/98	95.0	NLE	0.057
Cobalt	11/16/98	3.24	NLE	0.057
Copper	11/16/98	13.8	600	0.342
Iron	11/16/98	32500	NLE	1.14
Lead	11/16/98	96.9	100	0.228
Magnesium	11/16/98	2990	NLE	2.28
Manganese	11/16/98	46.5	NLE	0.057
Mercury	11/17/98	0.065	14	0.015
Nickel	11/16/98	8.42	250	0.057
Potassium	11/16/98	6720	NLE	2.28
Selenium	11/16/98	0.415	63	0.342
Silver	11/16/98	ND	110	0.342
Sodium	11/16/98	97.3	NLE	2.28
Thallium	11/16/98	ND	2	0.342
Vanadium	11/16/98	24.4	370	0.114
Zinc	11/16/98	172	1500	0.114

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
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Lab ID #: 4024.14
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-111, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6420	NLE	1.80
Antimony	11/16/98	0.622	14	0.360
Arsenic	11/16/98	13.4	20	0.360
Barium	11/16/98	34.6	700	0.090
Beryllium	11/16/98	1.10	1	0.090
Cadmium	11/16/98	0.156	1	0.090
Calcium	11/16/98	1880	NLE	3.60
Chromium	11/16/98	90.0	NLE	0.090
Cobalt	11/16/98	1.68	NLE	0.090
Copper	11/16/98	23.4	600	0.540
Iron	11/16/98	36300	NLE	1.80
Lead	11/16/98	454	100	0.360
Magnesium	11/16/98	2830	NLE	3.60
Manganese	11/16/98	32.7	NLE	0.090
Mercury	11/17/98	0.159	14	0.014
Nickel	11/16/98	5.62	250	0.090
Potassium	11/16/98	5890	NLE	3.60
Selenium	11/16/98	1.04	63	0.540
Silver	11/16/98	ND	110	0.540
Sodium	11/16/98	204	NLE	3.60
Thallium	11/16/98	ND	2	0.540
Vanadium	11/16/98	26.6	370	0.180
Zinc	11/16/98	94.6	1500	0.180

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4024.16
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-112, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	15700	NLE	1.62
Antimony	11/16/98	ND	14	0.325
Arsenic	11/16/98	17.3	20	0.325
Barium	11/16/98	45.7	700	0.081
Beryllium	11/16/98	2.44	1	0.081
Cadmium	11/16/98	0.267	1	0.081
Calcium	11/16/98	2490	NLE	3.25
Chromium	11/16/98	194	NLE	0.081
Cobalt	11/16/98	4.52	NLE	0.081
Copper	11/16/98	12.0	600	0.487
Iron	11/16/98	58400	NLE	1.62
Lead	11/16/98	25.4	100	0.325
Magnesium	11/16/98	8370	NLE	3.25
Manganese	11/16/98	34.6	NLE	0.081
Mercury	11/17/98	0.128	14	0.014
Nickel	11/16/98	11.7	250	0.081
Potassium	11/16/98	19700	NLE	3.25
Selenium	11/16/98	1.02	63	0.487
Silver	11/16/98	ND	110	0.487
Sodium	11/16/98	210	NLE	3.25
Thallium	11/16/98	ND	2	0.487
Vanadium	11/16/98	43.8	370	0.162
Zinc	11/16/98	121	1500	0.162

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.18
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-113, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	4830	NLE	1.75
Antimony	11/16/98	ND	14	0.349
Arsenic	11/16/98	4.59	20	0.349
Barium	11/16/98	54.7	700	0.087
Beryllium	11/16/98	0.712	1	0.087
Cadmium	11/16/98	0.197	1	0.087
Calcium	11/16/98	528	NLE	3.49
Chromium	11/16/98	33.6	NLE	0.087
Cobalt	11/16/98	2.10	NLE	0.087
Copper	11/16/98	21.1	600	0.524
Iron	11/16/98	10300	NLE	1.75
Lead	11/16/98	17.8	100	0.349
Magnesium	11/16/98	1120	NLE	3.49
Manganese	11/16/98	38.2	NLE	0.087
Mercury	11/17/98	0.062	14	0.017
Nickel	11/16/98	10.2	250	0.087
Potassium	11/16/98	2630	NLE	3.49
Selenium	11/16/98	1.08	63	0.524
Silver	11/16/98	ND	110	0.524
Sodium	11/16/98	209	NLE	3.49
Thallium	11/16/98	ND	2	0.524
Vanadium	11/16/98	20.8	370	0.175
Zinc	11/16/98	28.4	1500	0.175

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
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Lab ID #: 4024.20
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-114, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	18600	NLE	1.60
Antimony	11/16/98	ND	14	0.319
Arsenic	11/16/98	26.1	20	0.319
Barium	11/16/98	232	700	0.080
Beryllium	11/16/98	3.18	1	0.080
Cadmium	11/16/98	0.817	1	0.080
Calcium	11/16/98	3190	NLE	3.19
Chromium	11/16/98	202	NLE	0.080
Cobalt	11/16/98	5.12	NLE	0.080
Copper	11/16/98	38.9	600	0.479
Iron	11/16/98	73500	NLE	1.60
Lead	11/16/98	779	100	0.319
Magnesium	11/16/98	8790	NLE	3.19
Manganese	11/16/98	83.2	NLE	0.080
Mercury	11/17/98	0.286	14	0.013
Nickel	11/16/98	16.6	250	0.080
Potassium	11/16/98	21500	NLE	3.19
Selenium	11/16/98	0.877	63	0.479
Silver	11/16/98	ND	110	0.479
Sodium	11/16/98	198	NLE	3.19
Thallium	11/16/98	ND	2	0.479
Vanadium	11/16/98	70.7	370	0.160
Zinc	11/16/98	480	1500	0.160

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.22
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-115, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5710	NLE	1.72
Antimony	11/16/98	0.471	14	0.343
Arsenic	11/16/98	7.25	20	0.343
Barium	11/16/98	182	700	0.086
Beryllium	11/16/98	0.976	1	0.086
Cadmium	11/16/98	0.520	1	0.086
Calcium	11/16/98	1260	NLE	3.43
Chromium	11/16/98	48.0	NLE	0.086
Cobalt	11/16/98	2.70	NLE	0.086
Copper	11/16/98	50.7	600	0.515
Iron	11/16/98	17200	NLE	1.72
Lead	11/16/98	241	100	0.343
Magnesium	11/16/98	1770	NLE	3.43
Manganese	11/16/98	22.4	NLE	0.086
Mercury	11/17/98	0.097	14	0.015
Nickel	11/16/98	10.1	250	0.086
Potassium	11/16/98	3570	NLE	3.43
Selenium	11/16/98	1.34	63	0.515
Silver	11/16/98	ND	110	0.515
Sodium	11/16/98	259	NLE	3.43
Thallium	11/16/98	ND	2	0.515
Vanadium	11/16/98	29.2	370	0.172
Zinc	11/16/98	150	1500	0.172

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.24
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-116, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7270	NLE	1.60
Antimony	11/16/98	ND	14	0.319
Arsenic	11/16/98	5.09	20	0.319
Barium	11/16/98	59.2	700	0.080
Beryllium	11/16/98	1.70	1	0.080
Cadmium	11/16/98	0.300	1	0.080
Calcium	11/16/98	876	NLE	3.19
Chromium	11/16/98	48.9	NLE	0.080
Cobalt	11/16/98	4.75	NLE	0.080
Copper	11/16/98	35.4	600	0.479
Iron	11/16/98	13800	NLE	1.60
Lead	11/16/98	74.7	100	0.319
Magnesium	11/16/98	1740	NLE	3.19
Manganese	11/16/98	21.5	NLE	0.080
Mercury	11/17/98	0.300	14	0.012
Nickel	11/16/98	18.2	250	0.080
Potassium	11/16/98	5090	NLE	3.19
Selenium	11/16/98	0.799	63	0.479
Silver	11/16/98	ND	110	0.479
Sodium	11/16/98	206	NLE	3.19
Thallium	11/16/98	ND	2	0.479
Vanadium	11/16/98	25.5	370	0.160
Zinc	11/16/98	105	1500	0.160

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.26
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-117, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	4250	NLE	1.42
Antimony	11/16/98	ND	14	0.284
Arsenic	11/16/98	4.90	20	0.284
Barium	11/16/98	98.1	700	0.071
Beryllium	11/16/98	0.654	1	0.071
Cadmium	11/16/98	0.139	1	0.071
Calcium	11/16/98	1020	NLE	2.84
Chromium	11/16/98	20.8	NLE	0.071
Cobalt	11/16/98	2.37	NLE	0.071
Copper	11/16/98	44.4	600	0.426
Iron	11/16/98	9560	NLE	1.42
Lead	11/16/98	96.6	100	0.284
Magnesium	11/16/98	656	NLE	2.84
Manganese	11/16/98	14.2	NLE	0.071
Mercury	11/17/98	0.772	14	0.021
Nickel	11/16/98	8.73	250	0.071
Potassium	11/16/98	1650	NLE	2.837
Selenium	11/16/98	1.53	63	0.426
Silver	11/16/98	ND	110	0.426
Sodium	11/16/98	156	NLE	2.84
Thallium	11/16/98	ND	2	0.426
Vanadium	11/16/98	21.9	370	0.142
Zinc	11/16/98	27.4	1500	0.142

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.28
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-118, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	2220	NLE	1.66
Antimony	11/16/98	0.517	14	0.331
Arsenic	11/16/98	3.68	20	0.331
Barium	11/16/98	65.8	700	0.083
Beryllium	11/16/98	0.360	1	0.083
Cadmium	11/16/98	0.505	1	0.083
Calcium	11/16/98	247	NLE	3.31
Chromium	11/16/98	12.2	NLE	0.083
Cobalt	11/16/98	2.28	NLE	0.083
Copper	11/16/98	36.5	600	0.497
Iron	11/16/98	10800	NLE	1.66
Lead	11/16/98	27.2	100	0.331
Magnesium	11/16/98	137	NLE	3.31
Manganese	11/16/98	16.4	NLE	0.083
Mercury	11/17/98	0.219	14	0.017
Nickel	11/16/98	7.87	250	0.083
Potassium	11/16/98	371	NLE	3.31
Selenium	11/16/98	1.64	63	0.497
Silver	11/16/98	ND	110	0.497
Sodium	11/16/98	133	NLE	3.31
Thallium	11/16/98	ND	2	0.497
Vanadium	11/16/98	14.0	370	0.166
Zinc	11/16/98	19.7	1500	0.166

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4024.30
Sample Received: 11/2/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-119, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5020	NLE	1.20
Antimony	11/16/98	ND	14	0.240
Arsenic	11/16/98	7.22	20	0.240
Barium	11/16/98	59.2	700	0.060
Beryllium	11/16/98	0.965	1	0.060
Cadmium	11/16/98	0.276	1	0.060
Calcium	11/16/98	2170	NLE	2.40
Chromium	11/16/98	38.3	NLE	0.060
Cobalt	11/16/98	5.20	NLE	0.060
Copper	11/16/98	28.0	600	0.360
Iron	11/16/98	13100	NLE	1.20
Lead	11/16/98	52.7	100	0.240
Magnesium	11/16/98	1600	NLE	2.40
Manganese	11/16/98	65.0	NLE	0.060
Mercury	11/17/98	16.199	14	0.170
Nickel	11/16/98	13.2	250	0.060
Potassium	11/16/98	3030	NLE	2.40
Selenium	11/16/98	1.23	63	0.360
Silver	11/16/98	ND	110	0.360
Sodium	11/16/98	138	NLE	2.40
Thallium	11/16/98	ND	2	0.360
Vanadium	11/16/98	20.7	370	0.120
Zinc	11/16/98	81.4	1500	0.120

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.02
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-120, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	4850	NLE	1.09
Antimony	11/16/98	ND	14	0.218
Arsenic	11/16/98	7.52	20	0.218
Barium	11/16/98	38.3	700	0.054
Beryllium	11/16/98	0.486	1	0.054
Cadmium	11/16/98	0.326	1	0.054
Calcium	11/16/98	2290	NLE	2.18
Chromium	11/16/98	35.7	NLE	0.054
Cobalt	11/16/98	4.35	NLE	0.054
Copper	11/16/98	56.9	600	0.327
Iron	11/16/98	14000	NLE	1.09
Lead	11/16/98	239	100	0.218
Magnesium	11/16/98	2010	NLE	2.18
Manganese	11/16/98	51.1	NLE	0.054
Mercury	11/17/98	0.187	14	0.017
Nickel	11/16/98	11.3	250	0.054
Potassium	11/16/98	2550	NLE	2.18
Selenium	11/16/98	0.656	63	0.327
Silver	11/16/98	ND	110	0.327
Sodium	11/16/98	343	NLE	2.18
Thallium	11/16/98	ND	2	0.327
Vanadium	11/16/98	36.8	370	0.109
Zinc	11/16/98	105	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.04
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-121, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5740	NLE	1.49
Antimony	11/16/98	0.361	14	0.299
Arsenic	11/16/98	6.28	20	0.299
Barium	11/16/98	143	700	0.075
Beryllium	11/16/98	0.730	1	0.075
Cadmium	11/16/98	0.411	1	0.075
Calcium	11/16/98	2410	NLE	2.99
Chromium	11/16/98	37.8	NLE	0.075
Cobalt	11/16/98	2.98	NLE	0.075
Copper	11/16/98	53.3	600	0.448
Iron	11/16/98	15300	NLE	1.49
Lead	11/16/98	85.4	100	0.299
Magnesium	11/16/98	1530	NLE	2.99
Manganese	11/16/98	34.6	NLE	0.075
Mercury	11/17/98	0.450	14	0.016
Nickel	11/16/98	11.8	250	0.075
Potassium	11/16/98	3920	NLE	2.99
Selenium	11/16/98	0.799	63	0.448
Silver	11/16/98	ND	110	0.448
Sodium	11/16/98	174	NLE	2.99
Thallium	11/16/98	ND	2	0.448
Vanadium	11/16/98	24.2	370	0.149
Zinc	11/16/98	80.2	1500	0.149

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.06
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-122, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	7550	NLE	1.55
Antimony	11/16/98	ND	14	0.310
Arsenic	11/16/98	7.81	20	0.310
Barium	11/16/98	37.9	700	0.078
Beryllium	11/16/98	0.843	1	0.078
Cadmium	11/16/98	0.156	1	0.078
Calcium	11/16/98	894	NLE	3.10
Chromium	11/16/98	71.1	NLE	0.078
Cobalt	11/16/98	1.54	NLE	0.078
Copper	11/16/98	10.0	600	0.466
Iron	11/16/98	23200	NLE	1.55
Lead	11/16/98	16.3	100	0.310
Magnesium	11/16/98	2340	NLE	3.10
Manganese	11/16/98	26.2	NLE	0.078
Mercury	11/17/98	0.089	14	0.240
Nickel	11/16/98	5.74	250	0.078
Potassium	11/16/98	3920	NLE	3.10
Selenium	11/16/98	0.524	63	0.466
Silver	11/16/98	ND	110	0.466
Sodium	11/16/98	258	NLE	3.10
Thallium	11/16/98	ND	2	0.466
Vanadium	11/16/98	29.6	370	0.155
Zinc	11/16/98	49.3	1500	0.155

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.08
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-123, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	10500	NLE	1.81
Antimony	11/16/98	ND	14	0.362
Arsenic	11/16/98	11.1	20	0.362
Barium	11/16/98	39.4	700	0.091
Beryllium	11/16/98	1.03	1	0.091
Cadmium	11/16/98	0.163	1	0.091
Calcium	11/16/98	1090	NLE	3.62
Chromium	11/16/98	97.3	NLE	0.091
Cobalt	11/16/98	2.36	NLE	0.091
Copper	11/16/98	7.36	600	0.544
Iron	11/16/98	28400	NLE	1.81
Lead	11/16/98	10.1	100	0.362
Magnesium	11/16/98	2980	NLE	3.62
Manganese	11/16/98	56.2	NLE	0.091
Mercury	11/17/98	0.031	14	0.015
Nickel	11/16/98	6.17	250	0.091
Potassium	11/16/98	5000	NLE	3.62
Selenium	11/16/98	0.735	63	0.544
Silver	11/16/98	ND	110	0.544
Sodium	11/16/98	89	NLE	3.62
Thallium	11/16/98	ND	2	0.544
Vanadium	11/16/98	39.5	370	0.181
Zinc	11/16/98	50.2	1500	0.181

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.10
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-124, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	4270	NLE	1.45
Antimony	11/16/98	ND	14	0.289
Arsenic	11/16/98	4.0	20	0.289
Barium	11/16/98	163	700	0.072
Beryllium	11/16/98	0.46	1	0.072
Cadmium	11/16/98	0.198	1	0.072
Calcium	11/16/98	3640	NLE	2.89
Chromium	11/16/98	6.11	NLE	0.072
Cobalt	11/16/98	2.42	NLE	0.072
Copper	11/16/98	14.1	600	0.434
Iron	11/16/98	3510	NLE	1.45
Lead	11/16/98	13.8	100	0.289
Magnesium	11/16/98	382	NLE	2.89
Manganese	11/16/98	19.6	NLE	0.072
Mercury	11/17/98	0.552	14	0.022
Nickel	11/16/98	7.94	250	0.072
Potassium	11/16/98	451	NLE	2.89
Selenium	11/16/98	ND	63	0.434
Silver	11/16/98	ND	110	0.434
Sodium	11/16/98	203	NLE	2.89
Thallium	11/16/98	ND	2	0.434
Vanadium	11/16/98	11.6	370	0.145
Zinc	11/16/98	62.9	1500	0.145

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.12
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-125, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	3620	NLE	1.09
Antimony	11/16/98	ND	14	0.218
Arsenic	11/16/98	21.3	20	0.218
Barium	11/16/98	76.1	700	0.055
Beryllium	11/16/98	0.557	1	0.055
Cadmium	11/16/98	0.126	1	0.055
Calcium	11/16/98	1780	NLE	2.18
Chromium	11/16/98	58.5	NLE	0.055
Cobalt	11/16/98	1.10	NLE	0.055
Copper	11/16/98	7.91	600	0.328
Iron	11/16/98	14800	NLE	1.09
Lead	11/16/98	10.8	100	0.218
Magnesium	11/16/98	1510	NLE	2.18
Manganese	11/16/98	22.3	NLE	0.055
Mercury	11/17/98	0.031	14	0.011
Nickel	11/16/98	4.32	250	0.055
Potassium	11/16/98	3000	NLE	2.18
Selenium	11/16/98	1.79	63	0.328
Silver	11/16/98	ND	110	0.328
Sodium	11/16/98	131	NLE	2.18
Thallium	11/16/98	ND	2	0.328
Vanadium	11/16/98	14.3	370	0.109
Zinc	11/16/98	47.1	1500	0.109

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.14
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-126, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6830	NLE	1.41
Antimony	11/16/98	0.599	14	0.281
Arsenic	11/16/98	11.5	20	0.281
Barium	11/16/98	129	700	0.070
Beryllium	11/16/98	0.923	1	0.070
Cadmium	11/16/98	0.375	1	0.070
Calcium	11/16/98	1810	NLE	2.81
Chromium	11/16/98	39.6	NLE	0.070
Cobalt	11/16/98	4.08	NLE	0.070
Copper	11/16/98	56.2	600	0.422
Iron	11/16/98	13600	NLE	1.41
Lead	11/16/98	101	100	0.281
Magnesium	11/16/98	1170	NLE	2.81
Manganese	11/16/98	19.7	NLE	0.070
Mercury	11/17/98	0.331	14	0.011
Nickel	11/16/98	15.3	250	0.070
Potassium	11/16/98	2860	NLE	2.81
Selenium	11/16/98	4.29	63	0.422
Silver	11/16/98	ND	110	0.422
Sodium	11/16/98	223	NLE	2.81
Thallium	11/16/98	ND	2	0.422
Vanadium	11/16/98	30.4	370	0.141
Zinc	11/16/98	78.3	1500	0.141

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.16
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-127, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6730	NLE	1.54
Antimony	11/16/98	ND	14	0.309
Arsenic	11/16/98	9.16	20	0.309
Barium	11/16/98	86.3	700	0.077
Beryllium	11/16/98	0.776	1	0.077
Cadmium	11/16/98	0.116	1	0.077
Calcium	11/16/98	1810	NLE	3.09
Chromium	11/16/98	67.9	NLE	0.077
Cobalt	11/16/98	1.55	NLE	0.077
Copper	11/16/98	6.24	600	0.463
Iron	11/16/98	21500	NLE	1.54
Lead	11/16/98	42.1	100	0.309
Magnesium	11/16/98	1950	NLE	3.09
Manganese	11/16/98	18.8	NLE	0.077
Mercury	11/17/98	0.104	14	0.012
Nickel	11/16/98	4.11	250	0.077
Potassium	11/16/98	3460	NLE	3.09
Selenium	11/16/98	1.26	63	0.463
Silver	11/16/98	ND	110	0.463
Sodium	11/16/98	81.6	NLE	3.09
Thallium	11/16/98	ND	2	0.463
Vanadium	11/16/98	29.2	370	0.154
Zinc	11/16/98	36.6	1500	0.154

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.18
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-128, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	12700	NLE	1.65
Antimony	11/16/98	ND	14	0.331
Arsenic	11/16/98	15.5	20	0.331
Barium	11/16/98	98.1	700	0.083
Beryllium	11/16/98	1.72	1	0.083
Cadmium	11/16/98	ND	1	0.083
Calcium	11/16/98	283	NLE	3.31
Chromium	11/16/98	149	NLE	0.083
Cobalt	11/16/98	3.44	NLE	0.083
Copper	11/16/98	44.6	600	0.496
Iron	11/16/98	53400	NLE	1.65
Lead	11/16/98	193	100	0.331
Magnesium	11/16/98	5530	NLE	3.31
Manganese	11/16/98	24.8	NLE	0.083
Mercury	11/17/98	0.122	14	0.010
Nickel	11/16/98	10.1	250	0.083
Potassium	11/16/98	13100	NLE	3.31
Selenium	11/16/98	1.01	63	0.496
Silver	11/16/98	ND	110	0.496
Sodium	11/16/98	182	NLE	3.31
Thallium	11/16/98	ND	2	0.496
Vanadium	11/16/98	65.7	370	0.165
Zinc	11/16/98	82.9	1500	0.165

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.20
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-129, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	16600	NLE	1.48
Antimony	11/16/98	ND	14	0.295
Arsenic	11/16/98	37.6	20	0.295
Barium	11/16/98	96.3	700	0.074
Beryllium	11/16/98	2.18	1	0.074
Cadmium	11/16/98	0.074	1	0.074
Calcium	11/16/98	210	NLE	2.95
Chromium	11/16/98	200	NLE	0.074
Cobalt	11/16/98	3.51	NLE	0.074
Copper	11/16/98	26.7	600	0.443
Iron	11/16/98	75600	NLE	1.48
Lead	11/16/98	167	100	0.295
Magnesium	11/16/98	7320	NLE	2.95
Manganese	11/16/98	22.3	NLE	0.074
Mercury	11/17/98	0.164	14	0.012
Nickel	11/16/98	9.88	250	0.074
Potassium	11/16/98	19000	NLE	2.95
Selenium	11/16/98	1.26	63	0.443
Silver	11/16/98	ND	110	0.443
Sodium	11/16/98	222	NLE	2.95
Thallium	11/16/98	ND	2	0.443
Vanadium	11/16/98	101	370	0.148
Zinc	11/16/98	94.2	1500	0.148

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.22
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-130, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	2850	NLE	1.58
Antimony	11/16/98	1.90	14	0.317
Arsenic	11/16/98	75.0	20	0.317
Barium	11/16/98	42.1	700	0.079
Beryllium	11/16/98	0.760	1	0.079
Cadmium	11/16/98	0.158	1	0.079
Calcium	11/16/98	924	NLE	3.17
Chromium	11/16/98	28.5	NLE	0.079
Cobalt	11/16/98	2.03	NLE	0.079
Copper	11/16/98	35.5	600	0.475
Iron	11/16/98	11000	NLE	1.58
Lead	11/16/98	155	100	0.317
Magnesium	11/16/98	684	NLE	3.17
Manganese	11/16/98	18.2	NLE	0.079
Mercury	11/17/98	0.024	14	0.013
Nickel	11/16/98	7.76	250	0.079
Potassium	11/16/98	1931	NLE	3.17
Selenium	11/16/98	19.3	63	0.475
Silver	11/16/98	ND	110	0.475
Sodium	11/16/98	135	NLE	3.17
Thallium	11/16/98	ND	2	0.475
Vanadium	11/16/98	32.0	370	0.158
Zinc	11/16/98	43.2	1500	0.158

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.24
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-131, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	9880	NLE	1.88
Antimony	11/16/98	ND	14	0.375
Arsenic	11/16/98	14.8	20	0.375
Barium	11/16/98	55.8	700	0.094
Beryllium	11/16/98	1.34	1	0.094
Cadmium	11/16/98	0.238	1	0.094
Calcium	11/16/98	2340	NLE	3.75
Chromium	11/16/98	145	NLE	0.094
Cobalt	11/16/98	2.86	NLE	0.094
Copper	11/16/98	14.8	600	0.563
Iron	11/16/98	28800	NLE	1.88
Lead	11/16/98	89.3	100	0.375
Magnesium	11/16/98	4010	NLE	3.75
Manganese	11/16/98	25.9	NLE	0.094
Mercury	11/17/98	0.070	14	0.009
Nickel	11/16/98	9.66	250	0.094
Potassium	11/16/98	7110	NLE	3.75
Selenium	11/16/98	1.33	63	0.563
Silver	11/16/98	ND	110	0.563
Sodium	11/16/98	119	NLE	3.75
Thallium	11/16/98	ND	2	0.563
Vanadium	11/16/98	45.4	370	0.188
Zinc	11/16/98	91.2	1500	0.188

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.26
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-132, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	17300	NLE	1.46
Antimony	11/16/98	ND	14	0.293
Arsenic	11/16/98	21.5	20	0.293
Barium	11/16/98	91.1	700	0.073
Beryllium	11/16/98	1.74	1	0.073
Cadmium	11/16/98	ND	1	0.073
Calcium	11/16/98	331	NLE	2.93
Chromium	11/16/98	134	NLE	0.073
Cobalt	11/16/98	3.41	NLE	0.073
Copper	11/16/98	23.5	600	0.439
Iron	11/16/98	60500	NLE	1.46
Lead	11/16/98	95.9	100	0.293
Magnesium	11/16/98	5140	NLE	2.93
Manganese	11/16/98	26.6	NLE	0.073
Mercury	11/17/98	0.134	14	0.012
Nickel	11/16/98	9.88	250	0.073
Potassium	11/16/98	12300	NLE	2.925
Selenium	11/16/98	1.16	63	0.439
Silver	11/16/98	ND	110	0.439
Sodium	11/16/98	333	NLE	2.93
Thallium	11/16/98	ND	2	0.439
Vanadium	11/16/98	89.4	370	0.146
Zinc	11/16/98	79.7	1500	0.146

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.28
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-133, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	3080	NLE	1.31
Antimony	11/16/98	0.275	14	0.262
Arsenic	11/16/98	8.33	20	0.262
Barium	11/16/98	101	700	0.065
Beryllium	11/16/98	0.842	1	0.065
Cadmium	11/16/98	0.177	1	0.065
Calcium	11/16/98	487	NLE	2.62
Chromium	11/16/98	26.2	NLE	0.065
Cobalt	11/16/98	2.09	NLE	0.065
Copper	11/16/98	56.7	600	0.393
Iron	11/16/98	13400	NLE	1.31
Lead	11/16/98	69.4	100	0.262
Magnesium	11/16/98	496	NLE	2.62
Manganese	11/16/98	17.7	NLE	0.065
Mercury	11/17/98	0.106	14	0.012
Nickel	11/16/98	6.29	250	0.065
Potassium	11/16/98	1610	NLE	2.62
Selenium	11/16/98	1.63	63	0.393
Silver	11/16/98	ND	110	0.393
Sodium	11/16/98	137	NLE	2.62
Thallium	11/16/98	ND	2	0.393
Vanadium	11/16/98	21.8	370	0.131
Zinc	11/16/98	29.5	1500	0.131

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4027.30
Sample Received: 11/3/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-134, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6380	NLE	1.21
Antimony	11/16/98	ND	14	0.242
Arsenic	11/16/98	11.8	20	0.242
Barium	11/16/98	95.3	700	0.061
Beryllium	11/16/98	0.859	1	0.061
Cadmium	11/16/98	0.254	1	0.061
Calcium	11/16/98	1530	NLE	2.42
Chromium	11/16/98	81.7	NLE	0.061
Cobalt	11/16/98	2.00	NLE	0.061
Copper	11/16/98	211	600	0.364
Iron	11/16/98	21000	NLE	1.21
Lead	11/16/98	48.1	100	0.242
Magnesium	11/16/98	2030	NLE	2.42
Manganese	11/16/98	25.1	NLE	0.061
Mercury	11/17/98	0.120	14	0.012
Nickel	11/16/98	7.38	250	0.061
Potassium	11/16/98	4010	NLE	2.42
Selenium	11/16/98	1.39	63	0.364
Silver	11/16/98	0.548	110	0.364
Sodium	11/16/98	145	NLE	2.42
Thallium	11/16/98	ND	2	0.364
Vanadium	11/16/98	28.0	370	0.121
Zinc	11/16/98	65.6	1500	0.121

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.02
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-135, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5410	NLE	1.17
Antimony	11/16/98	ND	14	0.234
Arsenic	11/16/98	6.90	20	0.234
Barium	11/16/98	86.3	700	0.059
Beryllium	11/16/98	1.04	1	0.059
Cadmium	11/16/98	0.117	1	0.059
Calcium	11/16/98	1670	NLE	2.34
Chromium	11/16/98	39.8	NLE	0.059
Cobalt	11/16/98	2.93	NLE	0.059
Copper	11/16/98	29.3	600	0.352
Iron	11/16/98	16600	NLE	1.17
Lead	11/16/98	86.6	100	0.234
Magnesium	11/16/98	1500	NLE	2.34
Manganese	11/16/98	34.2	NLE	0.059
Mercury	11/17/98	0.243	14	0.012
Nickel	11/16/98	8.36	250	0.059
Potassium	11/16/98	3210	NLE	2.34
Selenium	11/16/98	0.931	63	0.352
Silver	11/16/98	ND	110	0.352
Sodium	11/16/98	147	NLE	2.34
Thallium	11/16/98	ND	2	0.352
Vanadium	11/16/98	24.9	370	0.117
Zinc	11/16/98	35.6	1500	0.117

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.04
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-136, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	20300	NLE	1.25
Antimony	11/16/98	ND	14	0.249
Arsenic	11/16/98	13.8	20	0.249
Barium	11/16/98	30.4	700	0.062
Beryllium	11/16/98	3.18	1	0.062
Cadmium	11/16/98	0.117	1	0.062
Calcium	11/16/98	2270	NLE	2.49
Chromium	11/16/98	39.8	NLE	0.062
Cobalt	11/16/98	2.93	NLE	0.062
Copper	11/16/98	29.3	600	0.374
Iron	11/16/98	15900	NLE	1.25
Lead	11/16/98	86.6	100	0.249
Magnesium	11/16/98	1500	NLE	2.49
Manganese	11/16/98	34.2	NLE	0.062
Mercury	11/17/98	0.028	14	0.012
Nickel	11/16/98	8.36	250	0.062
Potassium	11/16/98	3210	NLE	2.49
Selenium	11/16/98	0.931	63	0.374
Silver	11/16/98	ND	110	0.374
Sodium	11/16/98	147	NLE	2.49
Thallium	11/16/98	ND	2	0.374
Vanadium	11/16/98	24.9	370	0.125
Zinc	11/16/98	35.6	1500	0.125

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.06
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-137, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	15400	NLE	1.72
Antimony	11/16/98	0.581	14	0.343
Arsenic	11/16/98	17.7	20	0.343
Barium	11/16/98	90.2	700	0.086
Beryllium	11/16/98	1.82	1	0.086
Cadmium	11/16/98	0.134	1	0.086
Calcium	11/16/98	789	NLE	3.43
Chromium	11/16/98	138	NLE	0.086
Cobalt	11/16/98	3.7	NLE	0.086
Copper	11/16/98	29.7	600	0.515
Iron	11/16/98	49300	NLE	1.72
Lead	11/16/98	297	100	0.343
Magnesium	11/16/98	5050	NLE	3.43
Manganese	11/16/98	56.7	NLE	0.086
Mercury	11/17/98	0.150	14	0.240
Nickel	11/16/98	10.50	250	0.086
Potassium	11/16/98	10400	NLE	3.43
Selenium	11/16/98	1.03	63	0.515
Silver	11/16/98	ND	110	0.515
Sodium	11/16/98	228	NLE	3.43
Thallium	11/16/98	ND	2	0.515
Vanadium	11/16/98	75.9	370	0.172
Zinc	11/16/98	125	1500	0.172

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.08
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-138, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	8420	NLE	1.56
Antimony	11/16/98	0.378	14	0.313
Arsenic	11/16/98	15.4	20	0.313
Barium	11/16/98	75.8	700	0.078
Beryllium	11/16/98	1.23	1	0.078
Cadmium	11/16/98	0.196	1	0.078
Calcium	11/16/98	548	NLE	3.13
Chromium	11/16/98	83.4	NLE	0.078
Cobalt	11/16/98	3.38	NLE	0.078
Copper	11/16/98	28.3	600	0.469
Iron	11/16/98	43100	NLE	1.56
Lead	11/16/98	105	100	0.313
Magnesium	11/16/98	2360	NLE	3.13
Manganese	11/16/98	24.4	NLE	0.078
Mercury	11/17/98	0.090	14	0.012
Nickel	11/16/98	10.4	250	0.078
Potassium	11/16/98	5190	NLE	3.13
Selenium	11/16/98	1.18	63	0.469
Silver	11/16/98	ND	110	0.469
Sodium	11/16/98	300	NLE	3.13
Thallium	11/16/98	ND	2	0.469
Vanadium	11/16/98	55.7	370	0.156
Zinc	11/16/98	73.2	1500	0.156

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.10
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-139, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	4500	NLE	1.52
Antimony	11/16/98	ND	14	0.304
Arsenic	11/16/98	8.43	20	0.304
Barium	11/16/98	114	700	0.076
Beryllium	11/16/98	0.622	1	0.076
Cadmium	11/16/98	0.422	1	0.076
Calcium	11/16/98	2580	NLE	3.04
Chromium	11/16/98	24.8	NLE	0.076
Cobalt	11/16/98	3.26	NLE	0.076
Copper	11/16/98	18.5	600	0.455
Iron	11/16/98	10400	NLE	1.52
Lead	11/16/98	70.8	100	0.304
Magnesium	11/16/98	806	NLE	3.04
Manganese	11/16/98	26.5	NLE	0.076
Mercury	11/17/98	0.745	14	0.010
Nickel	11/16/98	9.28	250	0.076
Potassium	11/16/98	2170	NLE	3.04
Selenium	11/16/98	1.94	63	0.455
Silver	11/16/98	ND	110	0.455
Sodium	11/16/98	290	NLE	3.04
Thallium	11/16/98	ND	2	0.455
Vanadium	11/16/98	13.3	370	0.152
Zinc	11/16/98	63.5	1500	0.152

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.12
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-140, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	4720	NLE	1.25
Antimony	11/16/98	ND	14	0.249
Arsenic	11/16/98	8.98	20	0.249
Barium	11/16/98	34.0	700	0.062
Beryllium	11/16/98	0.713	1	0.062
Cadmium	11/16/98	0.276	1	0.062
Calcium	11/16/98	8030	NLE	2.49
Chromium	11/16/98	23.1	NLE	0.062
Cobalt	11/16/98	3.51	NLE	0.062
Copper	11/16/98	170	600	0.374
Iron	11/16/98	19000	NLE	1.25
Lead	11/16/98	34.0	100	0.249
Magnesium	11/16/98	935	NLE	2.49
Manganese	11/16/98	45.5	NLE	0.062
Mercury	11/17/98	0.333	14	0.012
Nickel	11/16/98	10.3	250	0.062
Potassium	11/16/98	1580	NLE	2.49
Selenium	11/16/98	0.668	63	0.374
Silver	11/16/98	ND	110	0.374
Sodium	11/16/98	131	NLE	2.49
Thallium	11/16/98	ND	2	0.374
Vanadium	11/16/98	15.5	370	0.125
Zinc	11/16/98	61.1	1500	0.125

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.14
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-141, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	4790	NLE	1.41
Antimony	11/16/98	ND	14	0.281
Arsenic	11/16/98	5.73	20	0.281
Barium	11/16/98	189	700	0.070
Beryllium	11/16/98	0.488	1	0.070
Cadmium	11/16/98	0.119	1	0.070
Calcium	11/16/98	873	NLE	2.81
Chromium	11/16/98	23.4	NLE	0.070
Cobalt	11/16/98	2.35	NLE	0.070
Copper	11/16/98	57.7	600	0.422
Iron	11/16/98	9080	NLE	1.41
Lead	11/16/98	53.1	100	0.281
Magnesium	11/16/98	685	NLE	2.81
Manganese	11/16/98	18.1	NLE	0.070
Mercury	11/17/98	0.079	14	0.011
Nickel	11/16/98	8.48	250	0.070
Potassium	11/16/98	1520	NLE	2.81
Selenium	11/16/98	1.88	63	0.422
Silver	11/16/98	1.20	110	0.422
Sodium	11/16/98	518	NLE	2.81
Thallium	11/16/98	ND	2	0.422
Vanadium	11/16/98	14.6	370	0.141
Zinc	11/16/98	39.3	1500	0.141

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.16
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-142, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	6570	NLE	1.49
Antimony	11/16/98	ND	14	0.298
Arsenic	11/16/98	11.0	20	0.298
Barium	11/16/98	58.0	700	0.075
Beryllium	11/16/98	0.797	1	0.075
Cadmium	11/16/98	0.965	1	0.075
Calcium	11/16/98	420	NLE	2.98
Chromium	11/16/98	50.8	NLE	0.075
Cobalt	11/16/98	3.32	NLE	0.075
Copper	11/16/98	26.20	600	0.447
Iron	11/16/98	23800	NLE	1.49
Lead	11/16/98	112	100	0.298
Magnesium	11/16/98	1420	NLE	2.98
Manganese	11/16/98	17.8	NLE	0.075
Mercury	11/17/98	0.088	14	0.012
Nickel	11/16/98	10.2	250	0.075
Potassium	11/16/98	4130	NLE	2.98
Selenium	11/16/98	1.02	63	0.447
Silver	11/16/98	ND	110	0.447
Sodium	11/16/98	249	NLE	2.98
Thallium	11/16/98	ND	2	0.447
Vanadium	11/16/98	31.5	370	0.149
Zinc	11/16/98	61.3	1500	0.149

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Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4030.18
Sample Received: 11/4/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-143, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/16/98	5440	NLE	1.07
Antimony	11/16/98	ND	14	0.214
Arsenic	11/16/98	10.2	20	0.214
Barium	11/16/98	72.2	700	0.053
Beryllium	11/16/98	0.375	1	0.053
Cadmium	11/16/98	0.083	1	0.053
Calcium	11/16/98	280	NLE	2.14
Chromium	11/16/98	52.0	NLE	0.053
Cobalt	11/16/98	1.94	NLE	0.053
Copper	11/16/98	17.1	600	0.320
Iron	11/16/98	22300	NLE	1.07
Lead	11/16/98	79.5	100	0.214
Magnesium	11/16/98	1140	NLE	2.14
Manganese	11/16/98	18.4	NLE	0.053
Mercury	11/17/98	0.098	14	0.012
Nickel	11/16/98	6.60	250	0.053
Potassium	11/16/98	2360	NLE	2.14
Selenium	11/16/98	1.88	63	0.320
Silver	11/16/98	ND	110	0.320
Sodium	11/16/98	342	NLE	2.14
Thallium	11/16/98	ND	2	0.320
Vanadium	11/16/98	25.0	370	0.107
Zinc	11/16/98	42.7	1500	0.107

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Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.02
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-144, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	13700	NLE	1.73
Antimony	11/19/98	0.383	14	0.346
Arsenic	11/19/98	10.1	20	0.346
Barium	11/19/98	29.3	700	0.087
Beryllium	11/19/98	2.23	1	0.087
Cadmium	11/19/98	0.591	1	0.087
Calcium	11/19/98	280	NLE	3.46
Chromium	11/19/98	140	NLE	0.087
Cobalt	11/19/98	2.81	NLE	0.087
Copper	11/19/98	3.89	600	0.520
Iron	11/19/98	53800	NLE	1.73
Lead	11/19/98	66.80	100	0.346
Magnesium	11/19/98	7020	NLE	3.46
Manganese	11/19/98	16.5	NLE	0.087
Mercury	11/17/98	0.037	14	0.012
Nickel	11/19/98	7.65	250	0.087
Potassium	11/19/98	15300	NLE	3.46
Selenium	11/19/98	0.705	63	0.520
Silver	11/19/98	ND	110	0.520
Sodium	11/19/98	133	NLE	3.46
Thallium	11/19/98	ND	2	0.520
Vanadium	11/19/98	41.3	370	0.173
Zinc	11/19/98	106	1500	0.173

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Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.04
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-145, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	2940	NLE	1.64
Antimony	11/19/98	0.565	14	0.327
Arsenic	11/19/98	5.54	20	0.327
Barium	11/19/98	74.2	700	0.082
Beryllium	11/19/98	0.846	1	0.082
Cadmium	11/19/98	0.189	1	0.082
Calcium	11/19/98	793	NLE	3.27
Chromium	11/19/98	6.66	NLE	0.082
Cobalt	11/19/98	3.05	NLE	0.082
Copper	11/19/98	23.10	600	0.491
Iron	11/19/98	4260	NLE	1.64
Lead	11/19/98	12.1	100	0.327
Magnesium	11/19/98	173	NLE	3.27
Manganese	11/19/98	12.9	NLE	0.082
Mercury	11/17/98	0.024	14	0.012
Nickel	11/19/98	10.3	250	0.082
Potassium	11/19/98	419	NLE	3.27
Selenium	11/19/98	0.924	63	0.491
Silver	11/19/98	ND	110	0.491
Sodium	11/19/98	106	NLE	3.27
Thallium	11/19/98	ND	2	0.491
Vanadium	11/19/98	15.5	370	0.164
Zinc	11/19/98	23.1	1500	0.164

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Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.06
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-146, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	12800	NLE	2.04
Antimony	11/19/98	ND	14	0.408
Arsenic	11/19/98	13.4	20	0.408
Barium	11/19/98	133	700	0.102
Beryllium	11/19/98	1.580	1	0.102
Cadmium	11/19/98	1.28	1	0.102
Calcium	11/19/98	1770	NLE	4.08
Chromium	11/19/98	71.3	NLE	0.102
Cobalt	11/19/98	7.75	NLE	0.102
Copper	11/19/98	36.30	600	0.612
Iron	11/19/98	20900	NLE	2.04
Lead	11/19/98	41.1	100	0.408
Magnesium	11/19/98	2000	NLE	4.08
Manganese	11/19/98	44.1	NLE	0.102
Mercury	11/17/98	0.117	14	0.009
Nickel	11/19/98	23.2	250	0.102
Potassium	11/19/98	5550	NLE	4.08
Selenium	11/19/98	1.99	63	0.612
Silver	11/19/98	ND	110	0.612
Sodium	11/19/98	544	NLE	4.08
Thallium	11/19/98	ND	2	0.612
Vanadium	11/19/98	47.6	370	0.204
Zinc	11/19/98	74.4	1500	0.204

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Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.08
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-147, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	3390	NLE	2.11
Antimony	11/19/98	0.722	14	0.421
Arsenic	11/19/98	18.6	20	0.421
Barium	11/19/98	172	700	0.105
Beryllium	11/19/98	0.610	1	0.105
Cadmium	11/19/98	0.264	1	0.105
Calcium	11/19/98	372	NLE	4.21
Chromium	11/19/98	11.3	NLE	0.105
Cobalt	11/19/98	2.570	NLE	0.105
Copper	11/19/98	126	600	0.632
Iron	11/19/98	6730	NLE	2.11
Lead	11/19/98	32.5	100	0.421
Magnesium	11/19/98	257	NLE	4.21
Manganese	11/19/98	18.2	NLE	0.105
Mercury	11/17/98	0.048	14	0.010
Nickel	11/19/98	9.31	250	0.105
Potassium	11/19/98	744	NLE	4.21
Selenium	11/19/98	1.08	63	0.632
Silver	11/19/98	0.750	110	0.632
Sodium	11/19/98	253	NLE	4.21
Thallium	11/19/98	ND	2	0.632
Vanadium	11/19/98	19.9	370	0.211
Zinc	11/19/98	21.1	1500	0.211

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Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.10
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-148, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	15800	NLE	2.25
Antimony	11/19/98	ND	14	0.450
Arsenic	11/19/98	25.3	20	0.450
Barium	11/19/98	153	700	0.113
Beryllium	11/19/98	1.47	1	0.113
Cadmium	11/19/98	0.725	1	0.113
Calcium	11/19/98	359	NLE	4.50
Chromium	11/19/98	152	NLE	0.113
Cobalt	11/19/98	3.26	NLE	0.113
Copper	11/19/98	23.5	600	0.676
Iron	11/19/98	68900	NLE	2.25
Lead	11/19/98	270	100	0.450
Magnesium	11/19/98	5250	NLE	4.50
Manganese	11/19/98	31.2	NLE	0.113
Mercury	11/17/98	0.145	14	0.016
Nickel	11/19/98	9.70	250	0.113
Potassium	11/19/98	12300	NLE	4.50
Selenium	11/19/98	1.53	63	0.676
Silver	11/19/98	ND	110	0.676
Sodium	11/19/98	733	NLE	4.50
Thallium	11/19/98	ND	2	0.676
Vanadium	11/19/98	92.2	370	0.225
Zinc	11/19/98	88.6	1500	0.225

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Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.12
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-149, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	18200	NLE	1.75
Antimony	11/19/98	0.538	14	0.350
Arsenic	11/19/98	17.5	20	0.350
Barium	11/19/98	37.0	700	0.087
Beryllium	11/19/98	2.95	1	0.087
Cadmium	11/19/98	0.779	1	0.087
Calcium	11/19/98	1230	NLE	3.50
Chromium	11/19/98	186	NLE	0.087
Cobalt	11/19/98	3.47	NLE	0.087
Copper	11/19/98	8.34	600	0.524
Iron	11/19/98	70900	NLE	1.75
Lead	11/19/98	167	100	0.350
Magnesium	11/19/98	9650	NLE	3.50
Manganese	11/19/98	58.9	NLE	0.087
Mercury	11/17/98	0.057	14	0.011
Nickel	11/19/98	9.73	250	0.087
Potassium	11/19/98	22000	NLE	3.50
Selenium	11/19/98	1.28	63	0.524
Silver	11/19/98	ND	110	0.524
Sodium	11/19/98	419	NLE	3.50
Thallium	11/19/98	ND	2	0.524
Vanadium	11/19/98	67.0	370	0.175
Zinc	11/19/98	115	1500	0.175

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.14
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-150, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	5670	NLE	1.90
Antimony	11/19/98	0.388	14	0.379
Arsenic	11/19/98	8.15	20	0.379
Barium	11/19/98	68.3	700	0.095
Beryllium	11/19/98	0.395	1	0.095
Cadmium	11/19/98	1.71	1	0.095
Calcium	11/19/98	1650	NLE	3.79
Chromium	11/19/98	41.3	NLE	0.095
Cobalt	11/19/98	3.79	NLE	0.095
Copper	11/19/98	28.6	600	0.569
Iron	11/19/98	10200	NLE	1.90
Lead	11/19/98	264	100	0.379
Magnesium	11/19/98	1410	NLE	3.79
Manganese	11/19/98	37.3	NLE	0.095
Mercury	11/17/98	18.3	14	0.112
Nickel	11/19/98	10.2	250	0.095
Potassium	11/19/98	1480	NLE	3.79
Selenium	11/19/98	0.838	63	0.569
Silver	11/19/98	2.1	110	0.569
Sodium	11/19/98	213	NLE	3.79
Thallium	11/19/98	ND	2	0.569
Vanadium	11/19/98	21.9	370	0.190
Zinc	11/19/98	162	1500	0.190

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Report of Analysis
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NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.16
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-151, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	1760	NLE	1.89
Antimony	11/19/98	0.551	14	0.379
Arsenic	11/19/98	5.08	20	0.379
Barium	11/19/98	54.4	700	0.095
Beryllium	11/19/98	0.250	1	0.095
Cadmium	11/19/98	0.259	1	0.095
Calcium	11/19/98	443	NLE	3.79
Chromium	11/19/98	4.10	NLE	0.095
Cobalt	11/19/98	1.79	NLE	0.095
Copper	11/19/98	14.6	600	0.568
Iron	11/19/98	1780	NLE	1.89
Lead	11/19/98	7.52	100	0.379
Magnesium	11/19/98	123	NLE	3.79
Manganese	11/19/98	7.78	NLE	0.095
Mercury	11/17/98	0.509	14	0.011
Nickel	11/19/98	6.04	250	0.095
Potassium	11/19/98	213	NLE	3.79
Selenium	11/19/98	2.22	63	0.568
Silver	11/19/98	ND	110	0.568
Sodium	11/19/98	114	NLE	3.79
Thallium	11/19/98	ND	2	0.568
Vanadium	11/19/98	9.96	370	0.189
Zinc	11/19/98	19.1	1500	0.189

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Report of Analysis
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DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.18
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-152, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	5380	NLE	1.44
Antimony	11/19/98	0.689	14	0.288
Arsenic	11/19/98	4.45	20	0.288
Barium	11/19/98	63.2	700	0.072
Beryllium	11/19/98	0.476	1	0.072
Cadmium	11/19/98	0.610	1	0.072
Calcium	11/19/98	1470	NLE	2.88
Chromium	11/19/98	25.3	NLE	0.072
Cobalt	11/19/98	2.35	NLE	0.072
Copper	11/19/98	28.6	600	0.432
Iron	11/19/98	8990	NLE	1.44
Lead	11/19/98	5.48	100	0.288
Magnesium	11/19/98	1300	NLE	2.88
Manganese	11/19/98	17.3	NLE	0.072
Mercury	11/17/98	0.077	14	0.011
Nickel	11/19/98	6.16	250	0.072
Potassium	11/19/98	2120	NLE	2.88
Selenium	11/19/98	0.438	63	0.432
Silver	11/19/98	ND	110	0.432
Sodium	11/19/98	189	NLE	2.88
Thallium	11/19/98	ND	2	0.432
Vanadium	11/19/98	14.4	370	0.144
Zinc	11/19/98	98.0	1500	0.144

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Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.20
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-153, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10500	NLE	1.74
Antimony	11/19/98	ND	14	0.349
Arsenic	11/19/98	19.4	20	0.349
Barium	11/19/98	83.4	700	0.087
Beryllium	11/19/98	1.03	1	0.087
Cadmium	11/19/98	0.678	1	0.087
Calcium	11/19/98	1480	NLE	3.49
Chromium	11/19/98	105	NLE	0.087
Cobalt	11/19/98	2.18	NLE	0.087
Copper	11/19/98	25.9	600	0.523
Iron	11/19/98	51800	NLE	1.74
Lead	11/19/98	84.6	100	0.349
Magnesium	11/19/98	3370	NLE	3.49
Manganese	11/19/98	33.6	NLE	0.087
Mercury	11/17/98	0.101	14	0.010
Nickel	11/19/98	7.80	250	0.087
Potassium	11/19/98	7190	NLE	3.49
Selenium	11/19/98	1.44	63	0.523
Silver	11/19/98	ND	110	0.523
Sodium	11/19/98	567	NLE	3.49
Thallium	11/19/98	ND	2	0.523
Vanadium	11/19/98	61.9	370	0.174
Zinc	11/19/98	75.3	1500	0.174

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.22
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-154, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11300	NLE	1.51
Antimony	11/19/98	1.01	14	0.303
Arsenic	11/19/98	34.2	20	0.303
Barium	11/19/98	176	700	0.076
Beryllium	11/19/98	1.55	1	0.076
Cadmium	11/19/98	1.32	1	0.076
Calcium	11/19/98	3150	NLE	3.03
Chromium	11/19/98	69.8	NLE	0.076
Cobalt	11/19/98	14.8	NLE	0.076
Copper	11/19/98	193	600	0.454
Iron	11/19/98	35900	NLE	1.51
Lead	11/19/98	162	100	0.303
Magnesium	11/19/98	1980	NLE	3.03
Manganese	11/19/98	173	NLE	0.076
Mercury	11/17/98	0.610	14	0.011
Nickel	11/19/98	25.2	250	0.076
Potassium	11/19/98	5070	NLE	3.03
Selenium	11/19/98	2.23	63	0.454
Silver	11/19/98	1.93	110	0.454
Sodium	11/19/98	265	NLE	3.03
Thallium	11/19/98	ND	2	0.454
Vanadium	11/19/98	49.7	370	0.151
Zinc	11/19/98	557	1500	0.151

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.24
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-155, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	17200	NLE	1.68
Antimony	11/19/98	0.559	14	0.336
Arsenic	11/19/98	19.6	20	0.336
Barium	11/19/98	57.9	700	0.084
Beryllium	11/19/98	2.56	1	0.084
Cadmium	11/19/98	0.828	1	0.084
Calcium	11/19/98	5180	NLE	3.36
Chromium	11/19/98	193	NLE	0.084
Cobalt	11/19/98	4.85	NLE	0.084
Copper	11/19/98	24.3	600	0.504
Iron	11/19/98	63400	NLE	1.68
Lead	11/19/98	133	100	0.336
Magnesium	11/19/98	8180	NLE	3.36
Manganese	11/19/98	80.9	NLE	0.084
Mercury	11/17/98	0.213	14	0.012
Nickel	11/19/98	12	250	0.084
Potassium	11/19/98	18700	NLE	3.36
Selenium	11/19/98	1.23	63	0.504
Silver	11/19/98	ND	110	0.504
Sodium	11/19/98	175	NLE	3.36
Thallium	11/19/98	ND	2	0.504
Vanadium	11/19/98	55.1	370	0.168
Zinc	11/19/98	141	1500	0.168

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.26
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-156, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	5270	NLE	1.74
Antimony	11/19/98	ND	14	0.348
Arsenic	11/19/98	5.90	20	0.348
Barium	11/19/98	35.2	700	0.087
Beryllium	11/19/98	0.383	1	0.087
Cadmium	11/19/98	0.450	1	0.087
Calcium	11/19/98	21200	NLE	3.48
Chromium	11/19/98	30.3	NLE	0.087
Cobalt	11/19/98	1.39	NLE	0.087
Copper	11/19/98	19.7	600	0.522
Iron	11/19/98	10500	NLE	1.74
Lead	11/19/98	31.5	100	0.348
Magnesium	11/19/98	1990	NLE	3.48
Manganese	11/19/98	55.8	NLE	0.087
Mercury	11/17/98	0.070	14	0.012
Nickel	11/19/98	4.93	250	0.087
Potassium	11/19/98	2230	NLE	3.480
Selenium	11/19/98	0.590	63	0.522
Silver	11/19/98	ND	110	0.522
Sodium	11/19/98	106	NLE	3.48
Thallium	11/19/98	ND	2	0.522
Vanadium	11/19/98	22.5	370	0.174
Zinc	11/19/98	45.4	1500	0.174

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.28
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-157, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	2740	NLE	1.38
Antimony	11/19/98	0.473	14	0.276
Arsenic	11/19/98	5.39	20	0.276
Barium	11/19/98	46.9	700	0.069
Beryllium	11/19/98	0.456	1	0.069
Cadmium	11/19/98	0.198	1	0.069
Calcium	11/19/98	752	NLE	2.76
Chromium	11/19/98	8.43	NLE	0.069
Cobalt	11/19/98	1.70	NLE	0.069
Copper	11/19/98	37.3	600	0.414
Iron	11/19/98	5310	NLE	1.38
Lead	11/19/98	87.6	100	0.276
Magnesium	11/19/98	187	NLE	2.76
Manganese	11/19/98	6.73	NLE	0.069
Mercury	11/17/98	0.086	14	0.011
Nickel	11/19/98	6.93	250	0.069
Potassium	11/19/98	390	NLE	2.76
Selenium	11/19/98	0.833	63	0.414
Silver	11/19/98	ND	110	0.414
Sodium	11/19/98	109	NLE	2.76
Thallium	11/19/98	ND	2	0.414
Vanadium	11/19/98	14.6	370	0.138
Zinc	11/19/98	38.4	1500	0.138

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4041.30
Sample Received: 11/9/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-158, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	6910	NLE	1.27
Antimony	11/19/98	ND	14	0.254
Arsenic	11/19/98	8.85	20	0.254
Barium	11/19/98	43.0	700	0.063
Beryllium	11/19/98	0.583	1	0.063
Cadmium	11/19/98	1.01	1	0.063
Calcium	11/19/98	4070	NLE	2.54
Chromium	11/19/98	42.5	NLE	0.063
Cobalt	11/19/98	5.98	NLE	0.063
Copper	11/19/98	38.2	600	0.381
Iron	11/19/98	22700	NLE	1.27
Lead	11/19/98	261	100	0.254
Magnesium	11/19/98	3230	NLE	2.54
Manganese	11/19/98	122	NLE	0.063
Mercury	11/17/98	0.062	14	0.010
Nickel	11/19/98	12.0	250	0.063
Potassium	11/19/98	3470	NLE	2.54
Selenium	11/19/98	0.552	63	0.381
Silver	11/19/98	ND	110	0.381
Sodium	11/19/98	278	NLE	2.54
Thallium	11/19/98	ND	2	0.381
Vanadium	11/19/98	55.1	370	0.127
Zinc	11/19/98	112	1500	0.127

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.02
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-159, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	16800	NLE	1.594
Antimony	11/19/98	ND	14	0.319
Arsenic	11/19/98	24.3	20	0.319
Barium	11/19/98	70.2	700	0.080
Beryllium	11/19/98	1.55	1	0.080
Cadmium	11/19/98	0.481	1	0.080
Calcium	11/19/98	540	NLE	3.187
Chromium	11/19/98	144	NLE	0.080
Cobalt	11/19/98	2.80	NLE	0.080
Copper	11/19/98	55.6	600	0.478
Iron	11/19/98	60500	NLE	1.594
Lead	11/19/98	93.2	100	0.319
Magnesium	11/19/98	5700	NLE	3.187
Manganese	11/19/98	27.6	NLE	0.080
Mercury	11/17/98	0.073	14	0.012
Nickel	11/19/98	11.9	250	0.080
Potassium	11/19/98	13300	NLE	3.187
Selenium	11/19/98	1.25	63	0.478
Silver	11/19/98	ND	110	0.478
Sodium	11/19/98	413	NLE	3.187
Thallium	11/19/98	ND	2	0.478
Vanadium	11/19/98	90.7	370	0.159
Zinc	11/19/98	81.6	1500	0.159

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.04
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-160, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	7770	NLE	1.528
Antimony	11/19/98	4.37	14	0.306
Arsenic	11/19/98	26.0	20	0.306
Barium	11/19/98	849	700	0.076
Beryllium	11/19/98	0.619	1	0.076
Cadmium	11/19/98	31.5	1	0.076
Calcium	11/19/98	7000	NLE	3.057
Chromium	11/19/98	367	NLE	0.076
Cobalt	11/19/98	18.1	NLE	0.076
Copper	11/19/98	495.0	600	0.459
Iron	11/19/98	34100	NLE	1.528
Lead	11/19/98	2580	100	0.306
Magnesium	11/19/98	2880	NLE	3.057
Manganese	11/19/98	ND	NLE	0.076
Mercury	11/17/98	0.115	14	0.012
Nickel	11/19/98	44.2	250	0.076
Potassium	11/19/98	1360	NLE	3.057
Selenium	11/19/98	13.4	63	0.459
Silver	11/19/98	ND	110	0.459
Sodium	11/19/98	473	NLE	3.057
Thallium	11/19/98	ND	2	0.459
Vanadium	11/19/98	45.6	370	0.153
Zinc	11/19/98	31900	1500	0.153

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.06
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-161, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	18200	NLE	1.835
Antimony	11/19/98	0.381	14	0.367
Arsenic	11/19/98	16.3	20	0.367
Barium	11/19/98	111	700	0.092
Beryllium	11/19/98	1.28	1	0.092
Cadmium	11/19/98	0.693	1	0.092
Calcium	11/19/98	8230	NLE	3.670
Chromium	11/19/98	159	NLE	0.092
Cobalt	11/19/98	3.27	NLE	0.092
Copper	11/19/98	31.8	600	0.550
Iron	11/19/98	31600	NLE	1.835
Lead	11/19/98	480	100	0.367
Magnesium	11/19/98	4390	NLE	3.670
Manganese	11/19/98	69.1	NLE	0.092
Mercury	11/17/98	0.605	14	0.012
Nickel	11/19/98	14.0	250	0.092
Potassium	11/19/98	7320	NLE	3.670
Selenium	11/19/98	1.03	63	0.550
Silver	11/19/98	ND	110	0.550
Sodium	11/19/98	354	NLE	3.670
Thallium	11/19/98	ND	2	0.550
Vanadium	11/19/98	102	370	0.183
Zinc	11/19/98	269	1500	0.183

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.08
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-162, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	7790	NLE	1.891
Antimony	11/19/98	1.59	14	0.378
Arsenic	11/19/98	63.3	20	0.378
Barium	11/19/98	124	700	0.095
Beryllium	11/19/98	0.730	1	0.095
Cadmium	11/19/98	0.410	1	0.095
Calcium	11/19/98	590	NLE	3.782
Chromium	11/19/98	47.7	NLE	0.095
Cobalt	11/19/98	2.14	NLE	0.095
Copper	11/19/98	88.1	600	0.567
Iron	11/19/98	13800	NLE	1.891
Lead	11/19/98	238	100	0.378
Magnesium	11/19/98	1260	NLE	3.782
Manganese	11/19/98	20.9	NLE	0.095
Mercury	11/17/98	0.114	14	0.013
Nickel	11/19/98	7.52	250	0.095
Potassium	11/19/98	2950	NLE	3.782
Selenium	11/19/98	8.52	63	0.567
Silver	11/19/98	1.27	110	0.567
Sodium	11/19/98	222	NLE	3.782
Thallium	11/19/98	ND	2	0.567
Vanadium	11/19/98	32.1	370	0.189
Zinc	11/19/98	67.4	1500	0.189

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.10
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-163, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	6620	NLE	1.771
Antimony	11/19/98	ND	14	0.354
Arsenic	11/19/98	9.71	20	0.354
Barium	11/19/98	42.3	700	0.089
Beryllium	11/19/98	0.721	1	0.089
Cadmium	11/19/98	0.411	1	0.089
Calcium	11/19/98	1260	NLE	3.542
Chromium	11/19/98	56.4	NLE	0.089
Cobalt	11/19/98	2.01	NLE	0.089
Copper	11/19/98	20.6	600	0.531
Iron	11/19/98	20400	NLE	1.771
Lead	11/19/98	47.4	100	0.354
Magnesium	11/19/98	1820	NLE	3.542
Manganese	11/19/98	40.9	NLE	0.089
Mercury	11/17/98	0.063	14	0.010
Nickel	11/19/98	5.88	250	0.089
Potassium	11/19/98	4450	NLE	3.542
Selenium	11/19/98	0.903	63	0.531
Silver	11/19/98	ND	110	0.531
Sodium	11/19/98	111	NLE	3.542
Thallium	11/19/98	ND	2	0.531
Vanadium	11/19/98	34.2	370	0.177
Zinc	11/19/98	100	1500	0.177

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.12
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-164, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10800	NLE	1.839
Antimony	11/19/98	ND	14	0.368
Arsenic	11/19/98	27.9	20	0.368
Barium	11/19/98	44.6	700	0.092
Beryllium	11/19/98	0.720	1	0.092
Cadmium	11/19/98	0.402	1	0.092
Calcium	11/19/98	1670	NLE	3.677
Chromium	11/19/98	85.3	NLE	0.092
Cobalt	11/19/98	1.42	NLE	0.092
Copper	11/19/98	14.0	600	0.552
Iron	11/19/98	28400	NLE	1.839
Lead	11/19/98	24.1	100	0.368
Magnesium	11/19/98	2610	NLE	3.677
Manganese	11/19/98	43.2	NLE	0.092
Mercury	11/17/98	0.033	14	0.011
Nickel	11/19/98	3.99	250	0.092
Potassium	11/19/98	5150	NLE	3.677
Selenium	11/19/98	0.924	63	0.552
Silver	11/19/98	ND	110	0.552
Sodium	11/19/98	217	NLE	3.677
Thallium	11/19/98	ND	2	0.552
Vanadium	11/19/98	43.0	370	0.184
Zinc	11/19/98	83.7	1500	0.184

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.14
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-165, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	9470	NLE	1.466
Antimony	11/19/98	ND	14	0.293
Arsenic	11/19/98	13.8	20	0.293
Barium	11/19/98	59.1	700	0.073
Beryllium	11/19/98	0.732	1	0.073
Cadmium	11/19/98	0.461	1	0.073
Calcium	11/19/98	2100	NLE	2.933
Chromium	11/19/98	78.5	NLE	0.073
Cobalt	11/19/98	1.45	NLE	0.073
Copper	11/19/98	120.0	600	0.440
Iron	11/19/98	17200	NLE	1.466
Lead	11/19/98	61.4	100	0.293
Magnesium	11/19/98	2250	NLE	2.933
Manganese	11/19/98	41.3	NLE	0.073
Mercury	11/17/98	0.369	14	0.012
Nickel	11/19/98	5.02	250	0.073
Potassium	11/19/98	3150	NLE	2.933
Selenium	11/19/98	0.775	63	0.440
Silver	11/19/98	ND	110	0.440
Sodium	11/19/98	91.2	NLE	2.933
Thallium	11/19/98	ND	2	0.440
Vanadium	11/19/98	33.2	370	0.147
Zinc	11/19/98	231	1500	0.147

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.16
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-166, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	12700	NLE	1.278
Antimony	11/19/98	ND	14	0.256
Arsenic	11/19/98	16	20	0.256
Barium	11/19/98	48.8	700	0.064
Beryllium	11/19/98	1.390	1	0.064
Cadmium	11/19/98	0.274	1	0.064
Calcium	11/19/98	1040	NLE	2.556
Chromium	11/19/98	122	NLE	0.064
Cobalt	11/19/98	2.15	NLE	0.064
Copper	11/19/98	26	600	0.383
Iron	11/19/98	39100	NLE	1.278
Lead	11/19/98	62.9	100	0.256
Magnesium	11/19/98	4400	NLE	2.556
Manganese	11/19/98	31.8	NLE	0.064
Mercury	11/17/98	0.062	14	0.010
Nickel	11/19/98	6.26	250	0.064
Potassium	11/19/98	8840	NLE	2.556
Selenium	11/19/98	1.02	63	0.383
Silver	11/19/98	ND	110	0.383
Sodium	11/19/98	314	NLE	2.556
Thallium	11/19/98	ND	2	0.383
Vanadium	11/19/98	68.1	370	0.128
Zinc	11/19/98	74.7	1500	0.128

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.18
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-167, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	33200	NLE	2.633
Antimony	11/19/98	11.4	14	0.527
Arsenic	11/19/98	81.6	20	0.527
Barium	11/19/98	164	700	0.132
Beryllium	11/19/98	2.12	1	0.132
Cadmium	11/19/98	0.449	1	0.132
Calcium	11/19/98	435	NLE	5.266
Chromium	11/19/98	231	NLE	0.132
Cobalt	11/19/98	5.25	NLE	0.132
Copper	11/19/98	32.6	600	0.790
Iron	11/19/98	77200	NLE	2.633
Lead	11/19/98	2550	100	0.527
Magnesium	11/19/98	8330	NLE	5.266
Manganese	11/19/98	41.5	NLE	0.132
Mercury	11/17/98	0.421	14	0.015
Nickel	11/19/98	14.9	250	0.132
Potassium	11/19/98	16500	NLE	5.266
Selenium	11/19/98	3.26	63	0.790
Silver	11/19/98	ND	110	0.790
Sodium	11/19/98	351	NLE	5.266
Thallium	11/19/98	ND	2	0.790
Vanadium	11/19/98	162	370	0.263
Zinc	11/19/98	134	1500	0.263

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.20
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-168, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	17700	NLE	1.791
Antimony	11/19/98	ND	14	0.358
Arsenic	11/19/98	13.1	20	0.358
Barium	11/19/98	38.5	700	0.090
Beryllium	11/19/98	3.040	1	0.090
Cadmium	11/19/98	0.280	1	0.090
Calcium	11/19/98	247	NLE	3.583
Chromium	11/19/98	197	NLE	0.090
Cobalt	11/19/98	3.25	NLE	0.090
Copper	11/19/98	3	600	0.537
Iron	11/19/98	64900	NLE	1.791
Lead	11/19/98	4.78	100	0.358
Magnesium	11/19/98	8920	NLE	3.583
Manganese	11/19/98	30.8	NLE	0.090
Mercury	11/17/98	0.025	14	0.012
Nickel	11/19/98	7.92	250	0.090
Potassium	11/19/98	20300	NLE	3.583
Selenium	11/19/98	0.941	63	0.537
Silver	11/19/98	ND	110	0.537
Sodium	11/19/98	163	NLE	3.583
Thallium	11/19/98	ND	2	0.537
Vanadium	11/19/98	59.7	370	0.179
Zinc	11/19/98	97.9	1500	0.179

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.22
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-169, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11600	NLE	1.565
Antimony	11/19/98	ND	14	0.313
Arsenic	11/19/98	10.5	20	0.313
Barium	11/19/98	41.8	700	0.078
Beryllium	11/19/98	1.29	1	0.078
Cadmium	11/19/98	0.215	1	0.078
Calcium	11/19/98	930	NLE	3.129
Chromium	11/19/98	98.7	NLE	0.078
Cobalt	11/19/98	2.40	NLE	0.078
Copper	11/19/98	51.9	600	0.469
Iron	11/19/98	32400	NLE	1.565
Lead	11/19/98	11.2	100	0.313
Magnesium	11/19/98	3660	NLE	3.129
Manganese	11/19/98	68.6	NLE	0.078
Mercury	11/17/98	0.035	14	0.012
Nickel	11/19/98	7.46	250	0.078
Potassium	11/19/98	5850	NLE	3.129
Selenium	11/19/98	1.08	63	0.469
Silver	11/19/98	ND	110	0.469
Sodium	11/19/98	85.5	NLE	3.129
Thallium	11/19/98	ND	2	0.469
Vanadium	11/19/98	41.1	370	0.156
Zinc	11/19/98	57.7	1500	0.156

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.24
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-170, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11000	NLE	1.854
Antimony	11/19/98	ND	14	0.371
Arsenic	11/19/98	15.9	20	0.371
Barium	11/19/98	34.5	700	0.093
Beryllium	11/19/98	1.030	1	0.093
Cadmium	11/19/98	0.286	1	0.093
Calcium	11/19/98	1630	NLE	3.707
Chromium	11/19/98	105	NLE	0.093
Cobalt	11/19/98	1.53	NLE	0.093
Copper	11/19/98	32.7	600	0.556
Iron	11/19/98	26100	NLE	1.854
Lead	11/19/98	29.6	100	0.371
Magnesium	11/19/98	3290	NLE	3.707
Manganese	11/19/98	45.7	NLE	0.093
Mercury	11/17/98	0.083	14	0.012
Nickel	11/19/98	4.60	250	0.093
Potassium	11/19/98	5260	NLE	3.707
Selenium	11/19/98	1.00	63	0.556
Silver	11/19/98	ND	110	0.556
Sodium	11/19/98	348	NLE	3.707
Thallium	11/19/98	ND	2	0.556
Vanadium	11/19/98	48.6	370	0.185
Zinc	11/19/98	75.6	1500	0.185

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.26
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-171, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	6310	NLE	1.421
Antimony	11/19/98	0.448	14	0.284
Arsenic	11/19/98	7.35	20	0.284
Barium	11/19/98	55.8	700	0.071
Beryllium	11/19/98	0.631	1	0.071
Cadmium	11/19/98	0.447	1	0.071
Calcium	11/19/98	2080	NLE	2.842
Chromium	11/19/98	64.6	NLE	0.071
Cobalt	11/19/98	2.35	NLE	0.071
Copper	11/19/98	40.3	600	0.426
Iron	11/19/98	17900	NLE	1.421
Lead	11/19/98	109	100	0.284
Magnesium	11/19/98	2110	NLE	2.842
Manganese	11/19/98	34.2	NLE	0.071
Mercury	11/17/98	0.087	14	0.010
Nickel	11/19/98	6.74	250	0.071
Potassium	11/19/98	3110	NLE	2.842
Selenium	11/19/98	0.708	63	0.426
Silver	11/19/98	ND	110	0.426
Sodium	11/19/98	338	NLE	2.842
Thallium	11/19/98	ND	2	0.426
Vanadium	11/19/98	42.5	370	0.142
Zinc	11/19/98	143	1500	0.142

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.28
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-172, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11100	NLE	1.666
Antimony	11/19/98	ND	14	0.333
Arsenic	11/19/98	15.3	20	0.333
Barium	11/19/98	59.9	700	0.083
Beryllium	11/19/98	1.20	1	0.083
Cadmium	11/19/98	0.370	1	0.083
Calcium	11/19/98	1590	NLE	3.332
Chromium	11/19/98	113	NLE	0.083
Cobalt	11/19/98	1.97	NLE	0.083
Copper	11/19/98	11.6	600	0.500
Iron	11/19/98	43400	NLE	1.666
Lead	11/19/98	32.5	100	0.333
Magnesium	11/19/98	4400	NLE	3.332
Manganese	11/19/98	47.3	NLE	0.083
Mercury	11/17/98	0.060	14	0.012
Nickel	11/19/98	6.46	250	0.083
Potassium	11/19/98	8580	NLE	3.332
Selenium	11/19/98	1.12	63	0.500
Silver	11/19/98	ND	110	0.500
Sodium	11/19/98	315	NLE	3.332
Thallium	11/19/98	ND	2	0.500
Vanadium	11/19/98	56.7	370	0.167
Zinc	11/19/98	71.8	1500	0.167

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4046.30
Sample Received: 11/10/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-173, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	15800	NLE	1.500
Antimony	11/19/98	1.11	14	0.300
Arsenic	11/19/98	25.2	20	0.300
Barium	11/19/98	83.5	700	0.075
Beryllium	11/19/98	1.59	1	0.075
Cadmium	11/19/98	0.653	1	0.075
Calcium	11/19/98	445	NLE	3.000
Chromium	11/19/98	145	NLE	0.075
Cobalt	11/19/98	2.53	NLE	0.075
Copper	11/19/98	25.1	600	0.450
Iron	11/19/98	67000	NLE	1.500
Lead	11/19/98	191	100	0.300
Magnesium	11/19/98	5800	NLE	3.000
Manganese	11/19/98	23.2	NLE	0.075
Mercury	11/17/98	0.075	14	0.013
Nickel	11/19/98	8.62	250	0.075
Potassium	11/19/98	14400	NLE	3.000
Selenium	11/19/98	1.92	63	0.450
Silver	11/19/98	ND	110	0.450
Sodium	11/19/98	492	NLE	3.000
Thallium	11/19/98	ND	2	0.450
Vanadium	11/19/98	94.9	370	0.150
Zinc	11/19/98	80.9	1500	0.150

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.02
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-175, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	8880	NLE	2.114
Antimony	11/19/98	0.540	14	0.423
Arsenic	11/19/98	8.45	20	0.423
Barium	11/19/98	73.1	700	0.106
Beryllium	11/19/98	1.32	1	0.106
Cadmium	11/19/98	0.329	1	0.106
Calcium	11/19/98	405	NLE	4.227
Chromium	11/19/98	109	NLE	0.106
Cobalt	11/19/98	1.27	NLE	0.106
Copper	11/19/98	2.92	600	0.634
Iron	11/19/98	32000	NLE	2.114
Lead	11/19/98	54.5	100	0.423
Magnesium	11/19/98	3760	NLE	4.227
Manganese	11/19/98	17.6	NLE	0.106
Mercury	11/23/98	0.026	14	0.022
Nickel	11/19/98	3.87	250	0.106
Potassium	11/19/98	6720	NLE	4.227
Selenium	11/19/98	0.613	63	0.634
Silver	11/19/98	ND	110	0.634
Sodium	11/19/98	265	NLE	4.227
Thallium	11/19/98	ND	2	0.634
Vanadium	11/19/98	29.4	370	0.211
Zinc	11/19/98	66.7	1500	0.211

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.04
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-176, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10100	NLE	1.835
Antimony	11/19/98	ND	14	0.367
Arsenic	11/19/98	9.40	20	0.367
Barium	11/19/98	41.5	700	0.092
Beryllium	11/19/98	1.13	1	0.092
Cadmium	11/19/98	0.326	1	0.092
Calcium	11/19/98	1000	NLE	3.669
Chromium	11/19/98	83.1	NLE	0.092
Cobalt	11/19/98	1.72	NLE	0.092
Copper	11/19/98	4.95	600	0.550
Iron	11/19/98	28100	NLE	1.835
Lead	11/19/98	13.1	100	0.367
Magnesium	11/19/98	3000	NLE	3.669
Manganese	11/19/98	53.4	NLE	0.092
Mercury	11/23/98	0.030	14	0.023
Nickel	11/19/98	6.63	250	0.092
Potassium	11/19/98	4560	NLE	3.669
Selenium	11/19/98	0.789	63	0.550
Silver	11/19/98	ND	110	0.550
Sodium	11/19/98	203	NLE	3.669
Thallium	11/19/98	ND	2	0.550
Vanadium	11/19/98	34.5	370	0.183
Zinc	11/19/98	68.6	1500	0.183

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.06
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-177, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	2240	NLE	1.657
Antimony	11/19/98	0.357	14	0.331
Arsenic	11/19/98	7.22	20	0.331
Barium	11/19/98	44.5	700	0.083
Beryllium	11/19/98	0.403	1	0.083
Cadmium	11/19/98	0.402	1	0.083
Calcium	11/19/98	840	NLE	3.313
Chromium	11/19/98	5.51	NLE	0.083
Cobalt	11/19/98	2.32	NLE	0.083
Copper	11/19/98	12.4	600	0.497
Iron	11/19/98	4040	NLE	1.657
Lead	11/19/98	7.34	100	0.331
Magnesium	11/19/98	138	NLE	3.313
Manganese	11/19/98	6.50	NLE	0.083
Mercury	11/23/98	0.026	14	0.026
Nickel	11/19/98	7.16	250	0.083
Potassium	11/19/98	333	NLE	3.313
Selenium	11/19/98	1.00	63	0.497
Silver	11/19/98	ND	110	0.497
Sodium	11/19/98	146	NLE	3.313
Thallium	11/19/98	ND	2	0.497
Vanadium	11/19/98	10.1	370	0.166
Zinc	11/19/98	77.0	1500	0.166

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.08
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-178, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	5820	NLE	1.866
Antimony	11/19/98	0.450	14	0.373
Arsenic	11/19/98	8.76	20	0.373
Barium	11/19/98	68.7	700	0.093
Beryllium	11/19/98	0.437	1	0.093
Cadmium	11/19/98	0.171	1	0.093
Calcium	11/19/98	672	NLE	3.732
Chromium	11/19/98	9.02	NLE	0.093
Cobalt	11/19/98	2.33	NLE	0.093
Copper	11/19/98	18.3	600	0.560
Iron	11/19/98	6170	NLE	1.866
Lead	11/19/98	14.5	100	0.373
Magnesium	11/19/98	263	NLE	3.732
Manganese	11/19/98	9.75	NLE	0.093
Mercury	11/23/98	0.025	14	0.023
Nickel	11/19/98	7.05	250	0.093
Potassium	11/19/98	786	NLE	3.732
Selenium	11/19/98	0.868	63	0.560
Silver	11/19/98	15.0	110	0.560
Sodium	11/19/98	248	NLE	3.732
Thallium	11/19/98	ND	2	0.560
Vanadium	11/19/98	14.6	370	0.187
Zinc	11/19/98	23.3	1500	0.187

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.10
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-179, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	7980	NLE	2.051
Antimony	11/19/98	ND	14	0.410
Arsenic	11/19/98	12.4	20	0.410
Barium	11/19/98	33.4	700	0.103
Beryllium	11/19/98	0.886	1	0.103
Cadmium	11/19/98	0.604	1	0.103
Calcium	11/19/98	947	NLE	4.102
Chromium	11/19/98	90.4	NLE	0.103
Cobalt	11/19/98	2.32	NLE	0.103
Copper	11/19/98	22.4	600	0.615
Iron	11/19/98	24400	NLE	2.051
Lead	11/19/98	73.0	100	0.410
Magnesium	11/19/98	2860	NLE	4.102
Manganese	11/19/98	83.0	NLE	0.103
Mercury	11/23/98	0.033	14	0.023
Nickel	11/19/98	5.36	250	0.103
Potassium	11/19/98	4650	NLE	4.102
Selenium	11/19/98	1.05	63	0.615
Silver	11/19/98	ND	110	0.615
Sodium	11/19/98	264	NLE	4.102
Thallium	11/19/98	ND	2	0.615
Vanadium	11/19/98	45.7	370	0.205
Zinc	11/19/98	90.9	1500	0.205

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
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Lab ID #: 4058.12
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-180, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	9090	NLE	2.018
Antimony	11/19/98	ND	14	0.404
Arsenic	11/19/98	11.5	20	0.404
Barium	11/19/98	33.2	700	0.101
Beryllium	11/19/98	1.21	1	0.101
Cadmium	11/19/98	0.270	1	0.101
Calcium	11/19/98	693	NLE	4.036
Chromium	11/19/98	90.1	NLE	0.101
Cobalt	11/19/98	1.99	NLE	0.101
Copper	11/19/98	7.85	600	0.605
Iron	11/19/98	34000	NLE	2.018
Lead	11/19/98	21.2	100	0.404
Magnesium	11/19/98	3180	NLE	4.036
Manganese	11/19/98	38.8	NLE	0.101
Mercury	11/23/98	0.076	14	0.028
Nickel	11/19/98	8.19	250	0.101
Potassium	11/19/98	5950	NLE	4.036
Selenium	11/19/98	0.775	63	0.605
Silver	11/19/98	ND	110	0.605
Sodium	11/19/98	200	NLE	4.036
Thallium	11/19/98	ND	2	0.605
Vanadium	11/19/98	46.0	370	0.202
Zinc	11/19/98	68.2	1500	0.202

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.14
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-181, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	9020	NLE	2.056
Antimony	11/19/98	ND	14	0.411
Arsenic	11/19/98	11.9	20	0.411
Barium	11/19/98	44.2	700	0.103
Beryllium	11/19/98	0.933	1	0.103
Cadmium	11/19/98	0.266	1	0.103
Calcium	11/19/98	300	NLE	4.111
Chromium	11/19/98	99.1	NLE	0.103
Cobalt	11/19/98	1.51	NLE	0.103
Copper	11/19/98	16.4	600	0.617
Iron	11/19/98	36100	NLE	2.056
Lead	11/19/98	52.6	100	0.411
Magnesium	11/19/98	3260	NLE	4.111
Manganese	11/19/98	20.4	NLE	0.103
Mercury	11/23/98	0.155	14	0.025
Nickel	11/19/98	5.48	250	0.103
Potassium	11/19/98	6280	NLE	4.111
Selenium	11/19/98	1.05	63	0.617
Silver	11/19/98	ND	110	0.617
Sodium	11/19/98	190	NLE	4.111
Thallium	11/19/98	ND	2	0.617
Vanadium	11/19/98	48.3	370	0.206
Zinc	11/19/98	56.6	1500	0.206

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.16
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-182, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	4960	NLE	1.598
Antimony	11/19/98	0.353	14	0.320
Arsenic	11/19/98	4.35	20	0.320
Barium	11/19/98	88.5	700	0.080
Beryllium	11/19/98	0.277	1	0.080
Cadmium	11/19/98	0.779	1	0.080
Calcium	11/19/98	3400	NLE	3.196
Chromium	11/19/98	24.7	NLE	0.080
Cobalt	11/19/98	2.61	NLE	0.080
Copper	11/19/98	155	600	0.479
Iron	11/19/98	12100	NLE	1.598
Lead	11/19/98	97.5	100	0.320
Magnesium	11/19/98	1340	NLE	3.196
Manganese	11/19/98	53.2	NLE	0.080
Mercury	11/23/98	0.103	14	0.023
Nickel	11/19/98	6.75	250	0.080
Potassium	11/19/98	1490	NLE	3.196
Selenium	11/19/98	0.584	63	0.479
Silver	11/19/98	0.715	110	0.479
Sodium	11/19/98	198	NLE	3.196
Thallium	11/19/98	ND	2	0.479
Vanadium	11/19/98	19.1	370	0.160
Zinc	11/19/98	183	1500	0.160

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.18
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-183, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	15700	NLE	1.341
Antimony	11/19/98	ND	14	0.268
Arsenic	11/19/98	13.0	20	0.268
Barium	11/19/98	42.5	700	0.067
Beryllium	11/19/98	1.81	1	0.067
Cadmium	11/19/98	0.248	1	0.067
Calcium	11/19/98	1440	NLE	2.681
Chromium	11/19/98	148	NLE	0.067
Cobalt	11/19/98	2.46	NLE	0.067
Copper	11/19/98	3.95	600	0.402
Iron	11/19/98	45900	NLE	1.341
Lead	11/19/98	8.27	100	0.268
Magnesium	11/19/98	6040	NLE	2.681
Manganese	11/19/98	65.9	NLE	0.067
Mercury	11/23/98	0.026	14	0.020
Nickel	11/19/98	6.99	250	0.067
Potassium	11/19/98	13600	NLE	2.681
Selenium	11/19/98	1.25	63	0.402
Silver	11/19/98	ND	110	0.402
Sodium	11/19/98	240	NLE	2.681
Thallium	11/19/98	ND	2	0.402
Vanadium	11/19/98	62.3	370	0.134
Zinc	11/19/98	61.5	1500	0.134

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
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Bldg. 173
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Lab ID #: 4058.20
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-184, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	3090	NLE	1.988
Antimony	11/19/98	0.622	14	0.398
Arsenic	11/19/98	5.88	20	0.398
Barium	11/19/98	78.0	700	0.099
Beryllium	11/19/98	0.504	1	0.099
Cadmium	11/19/98	0.281	1	0.099
Calcium	11/19/98	973	NLE	3.976
Chromium	11/19/98	16.1	NLE	0.099
Cobalt	11/19/98	3.28	NLE	0.099
Copper	11/19/98	44.7	600	0.596
Iron	11/19/98	4320	NLE	1.988
Lead	11/19/98	59.9	100	0.398
Magnesium	11/19/98	388	NLE	3.976
Manganese	11/19/98	16.0	NLE	0.099
Mercury	11/23/98	0.750	14	0.024
Nickel	11/19/98	9.84	250	0.099
Potassium	11/19/98	823	NLE	3.976
Selenium	11/19/98	1.33	63	0.596
Silver	11/19/98	ND	110	0.596
Sodium	11/19/98	135	NLE	3.976
Thallium	11/19/98	ND	2	0.596
Vanadium	11/19/98	17.0	370	0.199
Zinc	11/19/98	21.7	1500	0.199

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
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Client: U.S. Army
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Lab ID #: 4058.22
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-185, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	14900	NLE	1.572
Antimony	11/19/98	ND	14	0.314
Arsenic	11/19/98	12.7	20	0.314
Barium	11/19/98	49.5	700	0.079
Beryllium	11/19/98	1.65	1	0.079
Cadmium	11/19/98	0.221	1	0.079
Calcium	11/19/98	1500	NLE	3.144
Chromium	11/19/98	131	NLE	0.079
Cobalt	11/19/98	2.22	NLE	0.079
Copper	11/19/98	9.74	600	0.472
Iron	11/19/98	40700	NLE	1.572
Lead	11/19/98	21.2	100	0.314
Magnesium	11/19/98	5420	NLE	3.144
Manganese	11/19/98	57.5	NLE	0.079
Mercury	11/23/98	0.066	14	0.025
Nickel	11/19/98	7.61	250	0.079
Potassium	11/19/98	11300	NLE	3.144
Selenium	11/19/98	0.978	63	0.472
Silver	11/19/98	ND	110	0.472
Sodium	11/19/98	185	NLE	3.144
Thallium	11/19/98	ND	2	0.472
Vanadium	11/19/98	67.2	370	0.157
Zinc	11/19/98	73.2	1500	0.157

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.24
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-186, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11900	NLE	1.478
Antimony	11/19/98	ND	14	0.296
Arsenic	11/19/98	12.8	20	0.296
Barium	11/19/98	34.2	700	0.074
Beryllium	11/19/98	1.250	1	0.074
Cadmium	11/19/98	0.145	1	0.074
Calcium	11/19/98	726	NLE	2.955
Chromium	11/19/98	129	NLE	0.074
Cobalt	11/19/98	1.44	NLE	0.074
Copper	11/19/98	4.78	600	0.443
Iron	11/19/98	33800	NLE	1.478
Lead	11/19/98	5.60	100	0.296
Magnesium	11/19/98	4070	NLE	2.955
Manganese	11/19/98	32.7	NLE	0.074
Mercury	11/23/98	0.058	14	0.024
Nickel	11/19/98	4.84	250	0.074
Potassium	11/19/98	7460	NLE	2.955
Selenium	11/19/98	0.933	63	0.443
Silver	11/19/98	ND	110	0.443
Sodium	11/19/98	104	NLE	2.955
Thallium	11/19/98	ND	2	0.443
Vanadium	11/19/98	39.3	370	0.148
Zinc	11/19/98	48.2	1500	0.148

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.26
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-187, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	16900	NLE	1.575
Antimony	11/19/98	ND	14	0.315
Arsenic	11/19/98	13.7	20	0.315
Barium	11/19/98	51.0	700	0.079
Beryllium	11/19/98	1.840	1	0.079
Cadmium	11/19/98	0.327	1	0.079
Calcium	11/19/98	1640	NLE	3.151
Chromium	11/19/98	140	NLE	0.079
Cobalt	11/19/98	2.80	NLE	0.079
Copper	11/19/98	8.74	600	0.473
Iron	11/19/98	49500	NLE	1.575
Lead	11/19/98	23.1	100	0.315
Magnesium	11/19/98	5700	NLE	3.151
Manganese	11/19/98	100	NLE	0.079
Mercury	11/23/98	0.027	14	0.016
Nickel	11/19/98	9.96	250	0.079
Potassium	11/19/98	11500	NLE	3.151
Selenium	11/19/98	0.965	63	0.473
Silver	11/19/98	ND	110	0.473
Sodium	11/19/98	203	NLE	3.151
Thallium	11/19/98	ND	2	0.473
Vanadium	11/19/98	72.3	370	0.158
Zinc	11/19/98	77.4	1500	0.158

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

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Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.28
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-188, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	9290	NLE	1.441
Antimony	11/19/98	ND	14	0.288
Arsenic	11/19/98	6.44	20	0.288
Barium	11/19/98	42.2	700	0.072
Beryllium	11/19/98	1.32	1	0.072
Cadmium	11/19/98	0.204	1	0.072
Calcium	11/19/98	263	NLE	2.882
Chromium	11/19/98	107	NLE	0.072
Cobalt	11/19/98	0.858	NLE	0.072
Copper	11/19/98	1.94	600	0.432
Iron	11/19/98	29600	NLE	1.441
Lead	11/19/98	3.01	100	0.288
Magnesium	11/19/98	3710	NLE	2.882
Manganese	11/19/98	21.1	NLE	0.072
Mercury	11/23/98	ND	14	0.023
Nickel	11/19/98	3.02	250	0.072
Potassium	11/19/98	6290	NLE	2.882
Selenium	11/19/98	0.570	63	0.432
Silver	11/19/98	ND	110	0.432
Sodium	11/19/98	110	NLE	2.882
Thallium	11/19/98	ND	2	0.432
Vanadium	11/19/98	28.4	370	0.144
Zinc	11/19/98	71.5	1500	0.144

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4058.30
Sample Received: 11/16/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-189, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10400	NLE	1.326
Antimony	11/19/98	ND	14	0.265
Arsenic	11/19/98	10.7	20	0.265
Barium	11/19/98	46.4	700	0.066
Beryllium	11/19/98	1.06	1	0.066
Cadmium	11/19/98	0.221	1	0.066
Calcium	11/19/98	1200	NLE	2.652
Chromium	11/19/98	114	NLE	0.066
Cobalt	11/19/98	1.18	NLE	0.066
Copper	11/19/98	6.94	600	0.398
Iron	11/19/98	27100	NLE	1.326
Lead	11/19/98	16.2	100	0.265
Magnesium	11/19/98	3610	NLE	2.652
Manganese	11/19/98	24.2	NLE	0.066
Mercury	11/23/98	0.034	14	0.026
Nickel	11/19/98	5.47	250	0.066
Potassium	11/19/98	6100	NLE	2.652
Selenium	11/19/98	1.14	63	0.398
Silver	11/19/98	ND	110	0.398
Sodium	11/19/98	103	NLE	2.652
Thallium	11/19/98	ND	2	0.398
Vanadium	11/19/98	40.9	370	0.133
Zinc	11/19/98	47.9	1500	0.133

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.02
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-190, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	14000	NLE	1.48
Antimony	11/19/98	ND	14	0.295
Arsenic	11/19/98	13.4	20	0.295
Barium	11/19/98	27.1	700	0.074
Beryllium	11/19/98	1.59	1	0.074
Cadmium	11/19/98	0.117	1	0.074
Calcium	11/19/98	896	NLE	2.95
Chromium	11/19/98	145	NLE	0.074
Cobalt	11/19/98	1.85	NLE	0.074
Copper	11/19/98	4.92	600	0.443
Iron	11/19/98	41600	NLE	1.48
Lead	11/19/98	9.83	100	0.295
Magnesium	11/19/98	5310	NLE	2.95
Manganese	11/19/98	39.2	NLE	0.074
Mercury	11/23/98	ND	14	0.024
Nickel	11/19/98	5.30	250	0.074
Potassium	11/19/98	11400	NLE	2.95
Selenium	11/19/98	0.913	63	0.443
Silver	11/19/98	ND	110	0.443
Sodium	11/19/98	134	NLE	2.95
Thallium	11/19/98	ND	2	0.443
Vanadium	11/19/98	51.2	370	0.148
Zinc	11/19/98	52.3	1500	0.148

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.04
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-191, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10700	NLE	1.89
Antimony	11/19/98	ND	14	0.379
Arsenic	11/19/98	9.76	20	0.379
Barium	11/19/98	37.9	700	0.095
Beryllium	11/19/98	1.21	1	0.095
Cadmium	11/19/98	0.202	1	0.095
Calcium	11/19/98	1500	NLE	3.79
Chromium	11/19/98	92.2	NLE	0.095
Cobalt	11/19/98	1.90	NLE	0.095
Copper	11/19/98	7.83	600	0.568
Iron	11/19/98	29400	NLE	1.89
Lead	11/19/98	24.5	100	0.379
Magnesium	11/19/98	3490	NLE	3.79
Manganese	11/19/98	60.0	NLE	0.095
Mercury	11/23/98	0.049	14	0.024
Nickel	11/19/98	7.16	250	0.095
Potassium	11/19/98	5880	NLE	3.79
Selenium	11/19/98	0.825	63	0.568
Silver	11/19/98	ND	110	0.568
Sodium	11/19/98	133	NLE	3.79
Thallium	11/19/98	ND	2	0.568
Vanadium	11/19/98	43.1	370	0.189
Zinc	11/19/98	60.3	1500	0.189

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.06
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-192, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11100	NLE	1.63
Antimony	11/19/98	ND	14	0.326
Arsenic	11/19/98	12.0	20	0.326
Barium	11/19/98	37.2	700	0.081
Beryllium	11/19/98	1.22	1	0.081
Cadmium	11/19/98	0.651	1	0.081
Calcium	11/19/98	1810	NLE	3.26
Chromium	11/19/98	117	NLE	0.081
Cobalt	11/19/98	3.22	NLE	0.081
Copper	11/19/98	25.9	600	0.488
Iron	11/19/98	34600	NLE	1.63
Lead	11/19/98	50.0	100	0.326
Magnesium	11/19/98	4040	NLE	3.26
Manganese	11/19/98	130	NLE	0.081
Mercury	11/23/98	0.050	14	0.020
Nickel	11/19/98	7.36	250	0.081
Potassium	11/19/98	7350	NLE	3.26
Selenium	11/19/98	0.799	63	0.488
Silver	11/19/98	ND	110	0.488
Sodium	11/19/98	177	NLE	3.26
Thallium	11/19/98	ND	2	0.488
Vanadium	11/19/98	60.1	370	0.163
Zinc	11/19/98	85.9	1500	0.163

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.08
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-193, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10100	NLE	1.92
Antimony	11/19/98	ND	14	0.383
Arsenic	11/19/98	13.0	20	0.383
Barium	11/19/98	25.9	700	0.096
Beryllium	11/19/98	1.35	1	0.096
Cadmium	11/19/98	0.343	1	0.096
Calcium	11/19/98	1000	NLE	3.83
Chromium	11/19/98	114	NLE	0.096
Cobalt	11/19/98	1.80	NLE	0.096
Copper	11/19/98	10.7	600	0.575
Iron	11/19/98	40100	NLE	1.92
Lead	11/19/98	34.3	100	0.383
Magnesium	11/19/98	3510	NLE	3.83
Manganese	11/19/98	37.1	NLE	0.096
Mercury	11/23/98	0.059	14	0.024
Nickel	11/19/98	6.58	250	0.096
Potassium	11/19/98	6420	NLE	3.83
Selenium	11/19/98	1.09	63	0.575
Silver	11/19/98	ND	110	0.575
Sodium	11/19/98	162	NLE	3.83
Thallium	11/19/98	ND	2	0.575
Vanadium	11/19/98	55.1	370	0.192
Zinc	11/19/98	66.8	1500	0.192

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.10
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-194, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10300	NLE	2.01
Antimony	11/19/98	ND	14	0.403
Arsenic	11/19/98	8.59	20	0.403
Barium	11/19/98	59.1	700	0.101
Beryllium	11/19/98	1.40	1	0.101
Cadmium	11/19/98	0.706	1	0.101
Calcium	11/19/98	3220	NLE	4.03
Chromium	11/19/98	126	NLE	0.101
Cobalt	11/19/98	1.10	NLE	0.101
Copper	11/19/98	2.94	600	0.604
Iron	11/19/98	35200	NLE	2.01
Lead	11/19/98	7.50	100	0.403
Magnesium	11/19/98	5310	NLE	4.03
Manganese	11/19/98	42.0	NLE	0.101
Mercury	11/23/98	0.022	14	0.022
Nickel	11/19/98	4.12	250	0.101
Potassium	11/19/98	8110	NLE	4.03
Selenium	11/19/98	0.616	63	0.604
Silver	11/19/98	ND	110	0.604
Sodium	11/19/98	113	NLE	4.03
Thallium	11/19/98	ND	2	0.604
Vanadium	11/19/98	37.3	370	0.201
Zinc	11/19/98	74.1	1500	0.201

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.12
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-195, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	3700	NLE	2.08
Antimony	11/19/98	0.617	14	0.415
Arsenic	11/19/98	15.8	20	0.415
Barium	11/19/98	131	700	0.104
Beryllium	11/19/98	0.706	1	0.104
Cadmium	11/19/98	0.416	1	0.104
Calcium	11/19/98	1870	NLE	4.15
Chromium	11/19/98	14.8	NLE	0.104
Cobalt	11/19/98	3.29	NLE	0.104
Copper	11/19/98	34.4	600	0.623
Iron	11/19/98	8750	NLE	2.08
Lead	11/19/98	16.8	100	0.415
Magnesium	11/19/98	644	NLE	4.15
Manganese	11/19/98	23.6	NLE	0.104
Mercury	11/23/98	0.362	14	0.026
Nickel	11/19/98	8.62	250	0.104
Potassium	11/19/98	1090	NLE	4.15
Selenium	11/19/98	1.19	63	0.623
Silver	11/19/98	ND	110	0.623
Sodium	11/19/98	181	NLE	4.15
Thallium	11/19/98	ND	2	0.623
Vanadium	11/19/98	18.9	370	0.208
Zinc	11/19/98	49.5	1500	0.208

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.14
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-196, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	8200	NLE	2.15
Antimony	11/19/98	ND	14	0.431
Arsenic	11/19/98	10.3	20	0.431
Barium	11/19/98	44.6	700	0.108
Beryllium	11/19/98	1.14	1	0.108
Cadmium	11/19/98	0.450	1	0.108
Calcium	11/19/98	3310	NLE	4.31
Chromium	11/19/98	88.5	NLE	0.108
Cobalt	11/19/98	3.22	NLE	0.108
Copper	11/19/98	29.9	600	0.646
Iron	11/19/98	24900	NLE	2.15
Lead	11/19/98	34.8	100	0.431
Magnesium	11/19/98	3500	NLE	4.31
Manganese	11/19/98	48.2	NLE	0.108
Mercury	11/23/98	0.065	14	0.025
Nickel	11/19/98	7.93	250	0.108
Potassium	11/19/98	6150	NLE	4.31
Selenium	11/19/98	1.14	63	0.646
Silver	11/19/98	1.20	110	0.646
Sodium	11/19/98	142	NLE	4.31
Thallium	11/19/98	ND	2	0.646
Vanadium	11/19/98	30.8	370	0.215
Zinc	11/19/98	98.5	1500	0.215

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.16
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-197, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11200	NLE	1.69
Antimony	11/19/98	ND	14	0.337
Arsenic	11/19/98	9.31	20	0.337
Barium	11/19/98	71.5	700	0.084
Beryllium	11/19/98	1.53	1	0.084
Cadmium	11/19/98	0.327	1	0.084
Calcium	11/19/98	16400	NLE	3.37
Chromium	11/19/98	68.3	NLE	0.084
Cobalt	11/19/98	3.06	NLE	0.084
Copper	11/19/98	26.2	600	0.506
Iron	11/19/98	19900	NLE	1.69
Lead	11/19/98	35.5	100	0.337
Magnesium	11/19/98	5790	NLE	3.37
Manganese	11/19/98	155	NLE	0.084
Mercury	11/23/98	0.040	14	0.025
Nickel	11/19/98	7.83	250	0.084
Potassium	11/19/98	5260	NLE	3.37
Selenium	11/19/98	0.797	63	0.506
Silver	11/19/98	ND	110	0.506
Sodium	11/19/98	392	NLE	3.37
Thallium	11/19/98	ND	2	0.506
Vanadium	11/19/98	30.1	370	0.169
Zinc	11/19/98	81.2	1500	0.169

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.18
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-198, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	14600	NLE	1.15
Antimony	11/19/98	ND	14	0.229
Arsenic	11/19/98	16.3	20	0.229
Barium	11/19/98	50.0	700	0.057
Beryllium	11/19/98	1.60	1	0.057
Cadmium	11/19/98	0.441	1	0.057
Calcium	11/19/98	1850	NLE	2.29
Chromium	11/19/98	140	NLE	0.057
Cobalt	11/19/98	2.38	NLE	0.057
Copper	11/19/98	10.7	600	0.344
Iron	11/19/98	41600	NLE	1.15
Lead	11/19/98	25.6	100	0.229
Magnesium	11/19/98	5450	NLE	2.29
Manganese	11/19/98	58.6	NLE	0.057
Mercury	11/23/98	0.065	14	0.024
Nickel	11/19/98	7.62	250	0.057
Potassium	11/19/98	11700	NLE	2.29
Selenium	11/19/98	1.24	63	0.344
Silver	11/19/98	ND	110	0.344
Sodium	11/19/98	198	NLE	2.29
Thallium	11/19/98	ND	2	0.344
Vanadium	11/19/98	61.5	370	0.115
Zinc	11/19/98	75.5	1500	0.115

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.20
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-199, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	9150	NLE	1.89
Antimony	11/19/98	ND	14	0.378
Arsenic	11/19/98	10.6	20	0.378
Barium	11/19/98	31.7	700	0.094
Beryllium	11/19/98	1.09	1	0.094
Cadmium	11/19/98	0.354	1	0.094
Calcium	11/19/98	434	NLE	3.78
Chromium	11/19/98	89.5	NLE	0.094
Cobalt	11/19/98	1.54	NLE	0.094
Copper	11/19/98	8.63	600	0.566
Iron	11/19/98	29300	NLE	1.89
Lead	11/19/98	20.1	100	0.378
Magnesium	11/19/98	2960	NLE	3.78
Manganese	11/19/98	36.1	NLE	0.094
Mercury	11/23/98	0.055	14	0.024
Nickel	11/19/98	5.31	250	0.094
Potassium	11/19/98	5460	NLE	3.78
Selenium	11/19/98	0.959	63	0.566
Silver	11/19/98	ND	110	0.566
Sodium	11/19/98	173	NLE	3.78
Thallium	11/19/98	ND	2	0.566
Vanadium	11/19/98	39.1	370	0.189
Zinc	11/19/98	54.9	1500	0.189

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.22
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-200, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	8050	NLE	1.86
Antimony	11/19/98	ND	14	0.371
Arsenic	11/19/98	5.61	20	0.371
Barium	11/19/98	53.5	700	0.093
Beryllium	11/19/98	1.10	1	0.093
Cadmium	11/19/98	0.333	1	0.093
Calcium	11/19/98	781	NLE	3.71
Chromium	11/19/98	99.3	NLE	0.093
Cobalt	11/19/98	0.822	NLE	0.093
Copper	11/19/98	1.84	600	0.557
Iron	11/19/98	25900	NLE	1.86
Lead	11/19/98	3.07	100	0.371
Magnesium	11/19/98	3280	NLE	3.71
Manganese	11/19/98	29.3	NLE	0.093
Mercury	11/23/98	ND	14	0.025
Nickel	11/19/98	2.77	250	0.093
Potassium	11/19/98	5290	NLE	3.71
Selenium	11/19/98	0.505	63	0.557
Silver	11/19/98	ND	110	0.557
Sodium	11/19/98	116	NLE	3.71
Thallium	11/19/98	ND	2	0.557
Vanadium	11/19/98	29.5	370	0.186
Zinc	11/19/98	38.5	1500	0.186

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.24
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-201, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10400	NLE	1.33
Antimony	11/19/98	ND	14	0.266
Arsenic	11/19/98	7.15	20	0.266
Barium	11/19/98	69.2	700	0.067
Beryllium	11/19/98	1.36	1	0.067
Cadmium	11/19/98	0.306	1	0.067
Calcium	11/19/98	19300	NLE	2.66
Chromium	11/19/98	49.4	NLE	0.067
Cobalt	11/19/98	2.30	NLE	0.067
Copper	11/19/98	14.3	600	0.399
Iron	11/19/98	16000	NLE	1.33
Lead	11/19/98	27.2	100	0.266
Magnesium	11/19/98	7830	NLE	2.66
Manganese	11/19/98	234	NLE	0.067
Mercury	11/23/98	0.054	14	0.025
Nickel	11/19/98	4.58	250	0.067
Potassium	11/19/98	4480	NLE	2.66
Selenium	11/19/98	0.704	63	0.399
Silver	11/19/98	ND	110	0.399
Sodium	11/19/98	409	NLE	2.66
Thallium	11/19/98	ND	2	0.399
Vanadium	11/19/98	25.2	370	0.133
Zinc	11/19/98	70.5	1500	0.133

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.26
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-202, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	11800	NLE	1.78
Antimony	11/19/98	ND	14	0.357
Arsenic	11/19/98	11.3	20	0.357
Barium	11/19/98	36.5	700	0.089
Beryllium	11/19/98	1.29	1	0.089
Cadmium	11/19/98	0.241	1	0.089
Calcium	11/19/98	990	NLE	3.57
Chromium	11/19/98	102	NLE	0.089
Cobalt	11/19/98	2.08	NLE	0.089
Copper	11/19/98	4.00	600	0.535
Iron	11/19/98	33600	NLE	1.78
Lead	11/19/98	10.4	100	0.357
Magnesium	11/19/98	4000	NLE	3.57
Manganese	11/19/98	53.4	NLE	0.089
Mercury	11/23/98	0.044	14	0.026
Nickel	11/19/98	6.06	250	0.089
Potassium	11/19/98	7110	NLE	3.57
Selenium	11/19/98	0.802	63	0.535
Silver	11/19/98	ND	110	0.535
Sodium	11/19/98	119	NLE	3.57
Thallium	11/19/98	ND	2	0.535
Vanadium	11/19/98	43.9	370	0.178
Zinc	11/19/98	48.6	1500	0.178

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.28
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-203, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	10500	NLE	1.25
Antimony	11/19/98	ND	14	0.250
Arsenic	11/19/98	9.51	20	0.250
Barium	11/19/98	28.0	700	0.062
Beryllium	11/19/98	1.11	1	0.062
Cadmium	11/19/98	0.175	1	0.062
Calcium	11/19/98	516	NLE	2.50
Chromium	11/19/98	112	NLE	0.062
Cobalt	11/19/98	1.23	NLE	0.062
Copper	11/19/98	4.90	600	0.374
Iron	11/19/98	28800	NLE	1.25
Lead	11/19/98	6.44	100	0.250
Magnesium	11/19/98	3660	NLE	2.50
Manganese	11/19/98	33.9	NLE	0.062
Mercury	11/23/98	0.042	14	0.025
Nickel	11/19/98	4.41	250	0.062
Potassium	11/19/98	7060	NLE	2.50
Selenium	11/19/98	1.27	63	0.374
Silver	11/19/98	ND	110	0.374
Sodium	11/19/98	128	NLE	2.50
Thallium	11/19/98	ND	2	0.374
Vanadium	11/19/98	39.1	370	0.125
Zinc	11/19/98	41.2	1500	0.125

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4067.30
Sample Received: 11/17/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-204, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	8240	NLE	1.26
Antimony	11/19/98	ND	14	0.253
Arsenic	11/19/98	21.2	20	0.253
Barium	11/19/98	27.0	700	0.063
Beryllium	11/19/98	0.874	1	0.063
Cadmium	11/19/98	0.467	1	0.063
Calcium	11/19/98	1380	NLE	2.53
Chromium	11/19/98	77.4	NLE	0.063
Cobalt	11/19/98	1.58	NLE	0.063
Copper	11/19/98	5.73	600	0.379
Iron	11/19/98	23200	NLE	1.26
Lead	11/19/98	20.2	100	0.253
Magnesium	11/19/98	3090	NLE	2.53
Manganese	11/19/98	40.6	NLE	0.063
Mercury	11/23/98	0.026	14	0.024
Nickel	11/19/98	4.65	250	0.063
Potassium	11/19/98	4670	NLE	2.53
Selenium	11/19/98	0.819	63	0.379
Silver	11/19/98	ND	110	0.379
Sodium	11/19/98	164	NLE	2.53
Thallium	11/19/98	ND	2	0.379
Vanadium	11/19/98	42.3	370	0.126
Zinc	11/19/98	43.6	1500	0.126

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

Report of Analysis
U.S. Army, Fort Monmouth Environmental Laboratory
NJDEP Certification # 13461

Client: U.S. Army
DPW, SELFM-PW-EV
Bldg. 173
Ft. Monmouth, NJ 07703

Lab ID #: 4068.02
Sample Received: 11/18/98
Sample Matrix: Soil

Site: M-3
Ft. Monmouth, New Jersey

Field ID#: M-3-205, 6-12"

TAL-METALS RESULTS SUMMARY (mg/kg)

Element	Date Analyzed	Result	Soil Cleanup Criteria	MDL
Aluminum	11/19/98	13100	NLE	1.532
Antimony	11/19/98	ND	14	0.306
Arsenic	11/19/98	17.9	20	0.306
Barium	11/19/98	31.7	700	0.077
Beryllium	11/19/98	1.480	1	0.077
Cadmium	11/19/98	0.589	1	0.077
Calcium	11/19/98	1290	NLE	3.065
Chromium	11/19/98	128	NLE	0.077
Cobalt	11/19/98	2.21	NLE	0.077
Copper	11/19/98	6.4	600	0.460
Iron	11/19/98	39200	NLE	1.532
Lead	11/19/98	17.8	100	0.306
Magnesium	11/19/98	5030	NLE	3.065
Manganese	11/19/98	35.5	NLE	0.077
Mercury	11/23/98	0.077	14	0.024
Nickel	11/19/98	6.26	250	0.077
Potassium	11/19/98	9700	NLE	3.065
Selenium	11/19/98	0.753	63	0.460
Silver	11/19/98	ND	110	0.460
Sodium	11/19/98	111	NLE	3.065
Thallium	11/19/98	ND	2	0.460
Vanadium	11/19/98	64.2	370	0.153
Zinc	11/19/98	57.8	1500	0.153

ND = Not Detected, MDL = Method Detection Limit, NLE = No Limit Established

APPENDIX E

Soil Boring Logs

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B1

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 9-29-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Sandy loam - lt. brown					
6								
	3923.02	1	SAND, w/ some silt, fine- gray - .04 ppm @ 12"	0900	0-PPM			
12								
18								
			SAND, fine w/ some coal frags.					
			CLAYEY SILT, - dk. gray - .04 ppm					
24	3923.03	2	SAND,fine/ med.lt. olive green	0905	0-PPM			
30								

02-24-1999 X:\MTECH5\M3\M3-b001.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B2

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - lt. brown					
6			SAND, fine - orange / lt. olive green					
	3923.04	1		0920	0-PPM			
12								
18			LOAMY SILT, orange					
24	3923.05	2	CINDERS	0925	0-PPM			
30								

02-24-1999 X:\MTECH5\M3\M3-b002.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B3

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine -orange/ lt. brown					
6	3923.06	1		0940	0-PPM			
12								
18								
			SAND, fine - olive green					
24	3923.07	2		0945	0-PPM			
			CINDERS					
30			CLAYEY SILT, - or/ brown					
			CLAYEY SILT, - black/ olive green					
36			SAND, fine/ olive green					
42								

02-25-1999 X:\MTECH5\M3\M3-b003.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B4

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			MIXED SANDS and CINDERS					
6								
	3923.08	1		0955	0-PPM			
12								
18								
			CLAYEY SILT, orange /olive green					
24	3923.09	2		1000	0-PPM			
30								

02-25-1999 X:\MTECH5\M3\M3-b004.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B5

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
6			CINDERS					
	3923.10	1		1015	0-PPM			
12								
18								
24	3923.11	2		1025	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-b005.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B6

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
6			CINDERS					
	3923.12	1		1055	0-PPM			
12								
18								
24	3923.13	2		1100	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-b006.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B7

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDERS					
6	3923.14	1		1114	0-PPM			
12								
18								
24	3923.15	2		1118	0-PPM			
30								
36			CEMENT					
42								

02-25-1999 X:\MTECH5\M3\M3-b007.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B8

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 9-29-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
6			CINDERS and MIXED SANDS					
	3923.16	1		1128	0-PPM			
12								
18								
			SAND, fine - brown					
24	3923.17	2		1130	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-b008.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B9

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDERS					
6								
	3923.18	1		1150	0-PPM			
12								
18								
24	3923.19	2		1153	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-b009.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B10

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 9-29-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
6	3923.20	1	CINDERS	1204	0-PPM			
12								
18			SILTY CLAY, and fine sands - orange / dk. gray					
24	3923.21	2		1207	0-PPM			
30			CINDERS					
36								
42								

02-25-1999 X:\MTECH5\M3\M3-b010.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B11

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDERS					
6								
	3923.22	1		1315	0-PPM			
12								
18								
24	3923.23	2		1320	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-b011.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B12

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDERS					
6	3923.24	1		1340	0-PPM			
12								
18								
			SAND, medium- black/ white					
24	3923.25	2		1345	0-PPM			
			CINDERS					
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-b012.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B13

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			TURF		
6	3923.26	1	CINDERS	1359	0-PPM
12					
18					
24	3923.27	2	SAND, fine/ med. - gray/ blk./ brown	1403	0-PPM
30			CINDERS		
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B14

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
6	3923.28	1		1417	0-PPM			
12								
18			SAND, fine - black w/ coal frags.					
			CLAYEY SILT, moist, loamy - iron stained,olive green and brown					
24	3923.29	2		1422	0-PPM			
			CINDERS					
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-b014.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B15

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-29-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine w/ some silt - yl./ orange					
6	3923.30	1		1440	0-PPM			
12								
18								
24	3923.31	2		1445	0-PPM			
30								
36								
			SAND, fine w/ some silt - lt. olive green					
42								
48								
54								

02-25-1999 X:\MTECH5\M3\M3-b015.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B16

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine - w/ some silt - orange					
6	3923.32	1	NATIVE SOILS APPEARANCE	1500	0-PPM			
12								
18								
24	3923.33	2		1505	0-PPM			
30								
36								
42								
48								
54								

02-26-1999 X:\MTECH5\M3\M3-b016.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B17

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - or./ brn.		
6	3929.01	1		0910	0-PPM
12					
18					
			SANDY SILT, fine - lt. olive green		
24	3929.02	2		0915	0-PPM
30					
			SANDY SILT, fine - dk. olive green		
36					
42			SOILS HAVE NATIVE APPEARANCE		
48					
54					

02-26-1999 X:\MTECH5\M3\M3-b017.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B18

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SANDY SILT, fine - lt. brown - orange					
6	3929.04	1		0935	0-PPM			
12								
18								
24	3929.05	2		0940	0-PPM			
30			Wood and cinders					
36								
42								
48								

02-26-1999 X:\MTECH5\M3\M3-b018.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B19

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	3929.06	1		0956	0-PPM			
12								
18			CINDERS					
24	3929.07	2		1000	0-PPM			
30								
36								

02-26-1999 X:\MTECH5\M3\M3-b019.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B20

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	3929.08	1		1025	0-PPM
12					
18			CINDERS		
24	3929.09	2		1035	0-PPM
30					
36					
42					

02-26-1999 X:\MTECH5\M3\M3-b020.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B21

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	3929.10	1		1057	0-PPM			
12								
18								
24	3929.11	2		1100	0-PPM			
30								
36								

02-25-1999 X:\MTECH5\M3\M3-b021.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B22

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	3929.12	1		1126	0-PPM			
12								
18								
24	3929.13	2		1130	0-PPM			
30								
36								

02-25-1999 X:\MTECH5\M3\M3-b022.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B23

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 9-30-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	3929.14	1		1145	0-PPM			
12								
18								
24	3929.15	2		1148	0-PPM			
30								
36								

02-25-1999 X:\MTECH5\M3\M3-b023.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B24

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	3929.16	1		1158	0-PPM			
12								
18								
24	3929.17	2		1201	0-PPM			
30								
36								

02-25-1999 X:\MTECH5\M3\M3-b024.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B25

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	3929.18	1		1305	0-PPM			
12								
18								
24	3929.19	2		1310	0-PPM			
30								
36								

02-25-1999 X:\MTECH5\M3\M3-b025.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B26

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	3929.20	1		1320	0-PPM			
12								
18								
24	3929.21	2		1325	0-PPM			
30								
36								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B27

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	3929.22	1		1355	0-PPM			
12								
18								
			SAND, fine/ medium w/ some woody matl.					
24	3929.23	2		1400	0-PPM			
30								
36								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B28

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			SAND, CINDER and coal matl.					
6								
	3929.24	1		1415	0-PPM			
12								
18								
24	3929.25	2		1420	0-PPM			
30								
36								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B29

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine - W/ SOME SILT - orange					
6			NATIVE SOILS APPEARANCE					
	3929.26	1		1439	0-PPM			
12								
18								
24	3929.27	2		1439	0-PPM			
30								
36								

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B30

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine - W/ SOME SILT - orange					
6			NATIVE SOILS APPEARANCE					
	3929.28	1		1453	0-PPM			
12								
18								
24	3929.29	2		1456	0-PPM			
30								
36								

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SELFM-PW-EV

LOG OF BORING M3-B31

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 9-30-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6			SILTY SAND, fine - orange/ olive green					
	3929.30	1			0-PPM			
12								
18								
24	3929.31	2			0-PPM			
30								
36								
42			SILTY SAND, fine - w/ some clay- dk. olive green NATIVE SOILS APPEARANCE					
48								

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LOG OF BORING M3-B32

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - olive green / brown		
6	3984.02	1		1030	0-PPM
12					
18					
			GRAVEL, Poorly Graded,		
24	3984.03	2		1030	0-PPM
30					
36					
42					
			SILTY SAND, fine - olive green		
48					
54					

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LOG OF BORING M3-B33

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			SILTY SAND, fine - brown					
6								
	3984.04	1		1050	0-PPM			
12								
			CINDERS					
18								
24	3984.05	2		1050	0-PPM			
30								
36								

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LOG OF BORING M3-B34

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			TURF		
			CINDERS		
6	3984.06	1		1107	0-PPM
12					
18					
			SILTY SAND, fine - brown		
24	3984.07	2		1107	0-PPM
			CEMENT		
30			SILTY SAND, fine - brown		
36					
42					

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SELFM-PW-EV

LOG OF BORING M3-B35

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDERS					
6	3984.08	1		1122	0-PPM			
12								
18								
24	3984.09	2		1122	0-PPM			
30								
36								
42								

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SELFM-PW-EV

LOG OF BORING M3-B36

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-19-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDERS					
6								
	3984.10	1		1136	0-PPM			
12								
18								
24	3984.11	2		1136	0-PPM			
30								
36								

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M3-B37

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDERS					
6								
	3984.12	1		1153	0-PPM			
12								
			SANDY SILT, loam w/ med.sand - olive green w/ some iron staining.					
18								
24	3984.13	2		1153	0-PPM			
30								

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SELFM-PW-EV

LOG OF BORING M3-B38

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDERS					
6								
	3984.14	1		1302	0-PPM			
12								
18								
			SILTY CLAY, olive green, hard.					
24	3984.15	2		1302	0-PPM			
30								
36								

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LOG OF BORING M3-B39

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			TURF		
			CINDERS		
6	3984.16	1		1326	0-PPM
12					
18					
			SILTY CLAY, olive green, hard		
24	3984.17	2		1326	0-PPM
30					
36					
42					

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M3-B40

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown / orange					
6	3984.18	1		1355	0-PPM			
12								
18								
24	3984.19	2		1355	0-PPM			
30								
36								
42								

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SELFM-PW-EV

LOG OF BORING M3-B41

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown / orange					
6	3984.20	1		1450	0-PPM			
12								
18								
24	3984.21	2		1450	0-PPM			
30								
36								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B42

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			SAND, fine - w/ some silt - brown					
6								
	3984.22	1		1510	0-PPM			
12								
18								
24	3984.23	2		1510	0-PPM			
			SAND, fine - w/ some silt - olive green w/ 5% cinder matl.					
30								
36								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B43

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown w/ some small md. gravels.					
6	3984.24	1		1525	0-PPM			
12								
18			CINDERS					
24	3984.25	2		1525	0-PPM			
30			SAND, fine - w/ some silt - olive green .					
36								

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B44

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	3984.26	1		1540	0-PPM
12					
18			CINDERS		
24	3984.27	2		1540	0-PPM
			SAND AND SILT, - fine/ medium - olive green		
30					
36					

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SELFM-PW-EV

LOG OF BORING M3-B45

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-19-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	3989.02	1		0942	0-PPM			
12			CINDERS					
18								
24	3989.03	2		0942	0-PPM			
30								
			SAND - fine/ medium - olive green					
36								
42								
48								

02-26-1999 X:\MTECH5\M3\M3-B045.BOR

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LOG OF BORING M3-B46

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine - w/ some slt. - brown / olive green					
6	3989.04	1		1005	0-PPM			
12								
18			SAND, fine - w/ some clayey silt - brown / olive green					
24	3989.05	2		1005	0-PPM			
30								
36								
42								

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U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M3-B47

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
6			CINDERS					
	3989.06	1		1028	0-PPM			
12								
18								
24	3989.07	2		1028	0-PPM			
30								
36								
42								

02-26-1999 X:\MTECH5\M3\M3-b047.bor

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B48

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
6	3989.8	1	SAND, medium/fine - and cinders brn./ black	1048	0-PPM			
12								
18			SANDY SILT, fine - brown/ lt. olive green					
24	3989.9	2		1048	0-PPM			
			SANDY SILT, fine - dk. olive green					
30								
36								
42								

02-26-1999 X:\MTECH5\M3\M3-b048.bor

U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M3-B49

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, mixed - w/ cinders, and glass					
6	3989.10	1		1108	0-PPM			
12								
18								
24	3989.11	2		1108	0-PPM			
30								
36								

02-24-1999 X:\MTECH5\M3\M3-b049.bor

U.S.ARMY
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SELFM-PW-EV

LOG OF BORING M3-B50

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			SILTY SAND, fine - brown					
6	3989.12	1		1130	0-PPM			
12								
18			CINDERS and mixed sands w/ some coal					
24	3989.13	2		1130	0-PPM			
			SANDY SILT, fine - hard - olive green					
30								
36								
42								

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LOG OF BORING M3-B51

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine - brown					
			CEMENT					
6	3989.14	1		1200	0-PPM			
12								
18			SANDY SILT, fine - olive green \ brown					
24	3989.15	2		1200	0-PPM			
			Unknown wet red fill material - no instrument readings.					
30								
36								
42								

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LOG OF BORING M3-B52

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown					
6	3989.16	1		1320	0-PPM			
12								
18								
24	3989.17	2		1320	0-PPM			
30								
36								
			SANDY SILT, and clay loam - dk. olive green					
42								
48								
54								

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LOG OF BORING M3-B53

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			SANDY SILT, fine - tan \ brown					
6	3989.18	1		1343	0-PPM			
12								
18								
			SAND, fine - dark brown					
24	3989.19	2		1343	0-PPM			
30								
36								
42								

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LOG OF BORING M3-B54

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - light brown w\ <2% coal frags.					
6	3989.20	1		1358	0-PPM			
12								
18								
24	3989.21	2		1358	0-PPM			
30								
36								

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LOG OF BORING M3-B55

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-20-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SANDY SILT, fine - brown					
6			CINDERS					
	3989.22	1		1415	0-PPM			
12								
18			SILTY SAND, fine - olive green w/ some coal frags.					
			SAND, fine - w/ some silt - olive green/ iron staining					
24	3989.23	2		1415	0-PPM			
30								
36								

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LOG OF BORING M3-B56

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	3989.24	1	SAND, medium/coarse - orange w/ some small rounded gravels	1430	0-PPM			
12								
18			CINDERS, and some cement matl.					
24	3989.25	2		1430	0-PPM			
30								
36								

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LOG OF BORING M3-B57

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6								
	3989.26	1		1448	0-PPM			
12								
18								
			Mixed sands and sm. rounded gravels w/ cinder material					
24	3989.27	2		1448	0-PPM			
30								
36								

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LOG OF BORING M3-B58

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands and fill matl. throughout					
6								
	3989.28	1		1515	0-PPM			
12								
18								
24	3989.29	2		1515	0-PPM			
30								
36								

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SANDY SILT, fine - brown/ olive green					
6	3989.30	1		1530	0-PPM			
12								
18								
24	3989.31	2		1530	0-PPM			
30								
36								

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands and silty clay - olive green w/ cinder, glass, and cement debris.					
6	3989.32	1		1555	0-PPM			
12								
18								
24	3989.33	2		1555	0-PPM			
30								
36								

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands w/ coal and small angular gravels - brown					
6	3989.34	1	SAND, fine/ medium - orange/olive green	1617	0-PPM			
12								
18								
24	3989.35	2	SANDY SILT, fine - olive green	1617	0-PPM			
30								
36								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	3989.36	1	SAND, fine - tan/orange	1640	0-PPM
12					
18			SAND, fine/ medium - brown		
24	3989.37	2		1640	0-PPM
30					
36					
42					
48					

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ some small coal frags.					
6			SAND, fine/ medium - brown					
	3989.38	1		1700	0-PPM			
12								
18								
24	3989.39	2		1700	0-PPM			
30								
36								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-20-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ some small coal frags.					
6			SAND, fine/ medium - brown					
	3989.40	1		1720	0-PPM			
12								
18								
24	3989.41	2		1720	0-PPM			
30								
36								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown/ olive green w/ small sub-ang. gravels, coal and wood debris.					
6	3996.02	1		1017	0-PPM			
12								
18								
24	3996.03	2		1017	0-PPM			
30								
36								

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LOG OF BORING M3-B65

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - dark brown					
6	3996.04	1		1035	0-PPM			
			SAND, fine - brown/ olive green					
12								
18								
24	3996.05	2		1035	0-PPM			
30								
36								

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LOG OF BORING M3-B66

U.S. ARMY
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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
			SAND, fine - brown \ olive green		
6	3996.06	1		1054	0-PPM
12					
18					
			Iron matl.		
			SAND, fine - olive green w/ some silt		
24	3996.07	2		1054	0-PPM
30					
36			SAND, fine - olive green w/some silt and metal debris		
42					

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND and silt, fine/ medium - tan / brown w/ < 2% small rnd. gravels and other fill matl.					
6	3996.08	1		1118	0-PPM			
12								
18								
24	3996.09	2		1118	0-PPM			
30								
36								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SAND, fine - orange / brown		
6					
	3996.10	1		1143	0-PPM
12					
18					
			SAND, fine/ medium - olive green		
24	3996.11	2		1143	0-PPM
			SAND, fine/ medium - olive green / brown		
30					
36					

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LOG OF BORING M3-B69

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands and cinder matl.					
6	3996.12	1		1200	0-PPM			
12								
18								
			SILTY SAND, fine - tan / olive green					
24	3996.13	2		1200	0-PPM			
30								
36								

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LOG OF BORING M3-B70

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, - brown / tan					
6								
	3996.14	1	CINDERS	1325	0-PPM			
			SAND, fine - tan w/ glass, wood and cinder debris.					
12								
18								
24	3996.15	2		1325	0-PPM			
30								
36								

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LOG OF BORING M3-B71

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands w/ cinder and organic matl.					
6								
	3996.16	1		1345	0-PPM			
12								
18								
24	3996.17	2		1345	0-PPM			
30								
36								

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LOG OF BORING M3-B72

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	3996.18	1	NATIVE SOILS APPEARANCE	1448	0-PPM			
12								
18								
24	3996.19	2		1448	0-PPM			
30								
36								
42								
48								

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SELFM-PW-EV

LOG OF BORING M3-B73

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-21-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	3996.20	1	NATIVE SOILS APPEARANCE	1448	0-PPM			
12								
18								
24	3996.21	2		1448	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B74

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-21-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	3996.22	1	NATIVE SOILS APPEARANCE	1510	0-PPM			
12								
18								
24	3996.23	2		1510	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B75

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, medium/fine - brown / tan					
6	4007.02	1	NATIVE SOILS APPEARANCE	0925	0-PPM			
12								
18								
24	4007.03	2		0925	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
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LOG OF BORING M3-B76

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, medium/fine - brown / tan					
6	4007.04	1	NATIVE SOILS APPEARANCE	0940	0-PPM			
12								
18								
24	4007.05	2		0940	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B77

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, medium/fine - brown / tan					
6	4007.06	1	NATIVE SOILS APPEARANCE	0958	0-PPM			
12								
18								
24	4007.07	2		0958	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
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LOG OF BORING M3-B78

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, medium/fine - brown / tan w/ < 1% coal frags.					
6								
	4007.08	1		1012	0-PPM			
12								
18								
24	4007.09	2		1012	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B79

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - lt. olive green					
6	4007.10	1		1028	0-PPM			
12								
18								
24	4007.11	2		1028	0-PPM			
30			SILTY SAND, fine - brown					
36			NATIVE SOILS APPEARANCE					
42								
48								

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LOG OF BORING M3-B80

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ cinder and coal matl.					
6								
	4007.12	1		1057	0-PPM			
12								
18								
24	4007.13	2		1057	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B81

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ cinder and coal matl.					
6	4007.14	1		1116	0-PPM			
12								
18								
24	4007.15	2		1116	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B82

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-26-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands and cinder, brick and coal fill matl.					
6	4007.16	1		1138	0-PPM			
12								
18								
24	4007.17	2		1138	0-PPM			
30			SAND, fine - brown / olive green w/ metal frags.					
36								
42								

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LOG OF BORING M3-B83

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FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown, tan and olive green.					
6	4007.18	1	NATIVE SOILS APPEARANCE	1335	0-PPM			
12								
18								
24	4007.19	2		1335	0-PPM			
30								
36								
42								
48								

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown, tan and olive green.					
6	4007.20	1	NATIVE SOILS APPEARANCE	1349	0-PPM			
12								
18								
24	4007.21	2		1349	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B85

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown, tan and olive green.					
6	4007.22	1	NATIVE SOILS APPEARANCE	1405	0-PPM			
12								
18								
24	4007.23	2		1405	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B86

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ < 2% cinders					
6	4007.24	1		1421	0-PPM			
12								
18			SAND, coarse / medium - tan w/ some small rnd. gravels.					
24	4007.25	2		1421	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B87

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ coal and cinders					
6	4007.26	1		1448	0-PPM			
12								
18								
			CINDER and coal matl.					
24	4007.27	2		1448	0-PPM			
30								
			Large quartz process gravels					
36								
42								

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LOG OF BORING M3-B88

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown w/ some coal frags.					
6	4007.28	1		1515	0-PPM			
12								
18			CINDERS					
			SAND, fine - w/ some silt - dk. olive green					
24	4007.29	2		1515	0-PPM			
30			CINDERS					
36								
42								
48								

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LOG OF BORING M3-B89

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-26-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown, tan and olive green.					
6	4007.30	1	NATIVE SOILS APPEARANCE	1525	0-PPM			
12								
18								
24	4007.31	2		1525	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B90

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-27-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown, tan and olive green.					
6	4009.02	1	NATIVE SOILS APPEARANCE	0908	0-PPM			
12								
18								
24	4009.03	2		0908	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B91

U.S. ARMY
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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			SILTY SAND, fine - olive green w/ alt. layers of cinders , gravels, coal, and cement.					
6	4009.04	1		0925	0-PPM			
12								
18								
24	4009.05	2		0925	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B92

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown w/ coal frags.		
6	4009.06	1		0943	0-PPM
12					
18					
			SANDY SILT, fine - olive green		
24	4009.07	2		0943	0-PPM
			CINDERS		
30					
36					
42					
48					

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LOG OF BORING M3-B93

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4009.08	1		1000	0-PPM			
12								
18								
			CINDERS and sand - fine - gray					
24	4009.09	2		1000	0-PPM			
30								
36								
42								

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LOG OF BORING M3-B94

U.S. ARMY
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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown, tan, olive green					
6								
	4009.10	1		1045	0-PPM			
12			NATIVE SOILS APPEARANCE					
18								
24	4009.11	2		1045	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B95

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ coal and cinder matl.					
6	4009.12	1		1310	0-PPM			
12								
18								
24	4009.13	2		1310	0-PPM			
30								
36								
42								

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LOG OF BORING M3-B96

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - olive green w/ < 2% coal frags.					
6	4009.14	1		1335	0-PPM			
12								
18								
24	4009.15	2		1335	0-PPM			
30			CINDERS					
36								
42								

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LOG OF BORING M3-B97

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SAND, medium/fine - dk. olive green		
6	4009.16	1		1348	0-PPM
12			SANDY SILT, medium/fine - brown		
18					
24	4009.17	2	NATIVE SOILS APPEARANCE	1348	0-PPM
30					
36					
42					
48					

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LOG OF BORING M3-B98

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-27-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, medium/fine - dk. olive green					
6	4009.18	1		1400	0-PPM			
12			SANDY SILT, medium/fine - brown					
18								
24	4009.19	2	NATIVE SOILS APPEARANCE	1400	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B99

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FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown -w/ < 1% coal frags.					
6	4009.20	1		1418	0-PPM			
12								
18								
			CLAYEY SAND, fine - dk. olive green					
24	4009.21	2		1418	0-PPM			
30								
36								
42								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown -w/ coal and cinders					
6	4009.22	1		1430	0-PPM			
12			CINDERS					
18			SILTY SAND, medium/fine - olive green w/ some iron stained mottling					
24	4009.23	2		1430	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-B100.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B101

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4009.24	1		1448	0-PPM			
12			CEMENT					
			SILTY SAND, medium/fine - olive green					
18								
			SAND, medium/fine - orange w/ leaf and metal debris					
24	4009.25	2		1448	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-B101.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B102

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4009.26	1	CINDERS, and clay pigeon fill matl.	1505	0-PPM			
12			SILTY SAND, fine - olive green					
			SAND, medium/fine w/ some silt - brown / olive green					
18								
24	4009.27	2		1505	0-PPM			
30								
36								
42								

02-24-1999 X:\MTECH5\M3\M3-B102.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B103

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 10-27-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ some cinders					
6	4009.28	1		1515	0-PPM			
12			SANDY SILT loam - fine/ medium - dk. olive green					
18								
24	4009.29	2		1515	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-B103.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B104

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 10-27-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ some cinders					
6	4009.30	1		1534	0-PPM			
12			SANDY SILT, fine/ medium - olive green					
18								
24	4009.31	2		1534	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-B104.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B105

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-02-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4024.02	1		0945	0-PPM			
12								
18								
			CINDERS					
24	4024.03	2		0945	0-PPM			
30								
36								
42								

02-24-1999 X:\MTECH5\M3\M3-B105.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B106

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-02-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
			CINDERS		
6					
	4024.04	1	SAND, fine - olive green w/ 1% coal frags.	1000	0-PPM
12					
			SAND, fine - olive green		
18					
24	4024.05	2		1000	0-PPM
30					
36					
			SILTY SAND, fine - olive green		
42					
48					

02-26-1999 X:\MTECH5\M3\M3-B106.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B107

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-02-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - gray / brown					
6	4024.06	1		1018	0-PPM			
12			CINDERS					
			SAND, fine - olive green					
18								
			SAND, fine - iron stained					
24	4024.07	2		1018	0-PPM			
			SANDY SILT, fine/ medium - olive green w/ iron stained mottling					
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-B107.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B108

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-02-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - gray / brown					
6	4024.08	1		1030	0-PPM			
			CINDERS					
12			SAND, fine - olive green					
18								
24	4024.09	2		1030	0-PPM			
30			SAND, fine - olive green w/ cinder matl.					
			SILTY SAND, fine - olive green { native matl. }					
36								
42								

02-26-1999 X:\MTECH5\M3\M3-B108.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B109

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-02-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4024.10	1		1050	0-PPM			
12								
			CINDERS					
18								
24	4024.11	2		1050	0-PPM			
30								
36								
			SILTY SAND, fine - olive green					
42								
48								

02-25-1999 X:\MTECH5\M3\M3-B109.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B110

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-02-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	4024.12	1		1113	0-PPM
12					
18					
24	4024.13	2		1113	0-PPM
			FILL MATL., glass, cinders and wood		
30					
36					
42					

02-26-1999 X:\MTECH5\M3\M3-B110.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B111

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-02-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4024.14	1		1130	0-PPM			
12								
18								
24	4024.15	2		1130	0-PPM			
			GLASS, CINDERS AND WOOD					
30								
36								
42								
48								
54								

02-25-1999 X:\MTECH5\M3\M3-B111.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B112

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-02-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4024.16	1		1300	0-PPM			
12								
18								
			CINDERS					
24	4024.17	2		1300	0-PPM			
30								
36								

02-24-1999 X:\MTECH5\M3\M3-B112.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B114

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-02-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ floor tile debris { green }					
6	4024.20	1		1338	0-PPM			
12								
18			CINDERS					
24	4024.21	2		1338	0-PPM			
30								
36								

02-25-1999 X:\MTECH5\M3\M3-B114.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B115

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-02-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6			CINDERS					
	4024.22	1		1338	0-PPM			
12								
18								
			SANDY SILT, fine/ medium - olive green					
24	4024.23	2		1338	0-PPM			
30								
36								
42								
48								

02-25-1999 X:\MTECH5\M3\M3-B115.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B116

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-02-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4024.24	1		1420	0-PPM			
12			CINDERS					
18								
24	4024.25	2		1420	0-PPM			
30								
36								

02-24-1999 X:\MTECH5\M3\M3-B116.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B117

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-02-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	4024.26	1		1450	0-PPM			
12								
18								
24	4024.27	2		1450	0-PPM			
30								
36								

02-24-1999 X:\MTECH5\M3\M3-B117.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B118

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0								
6	4024.02	1	SAND, fine - brown	1505	0-PPM			
12								
18								
24	4024.03	2		1505	0-PPM			
30								
36								
42								

02-26-1999 X:\MTECH5\M3\M3-B118.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B119

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-02-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, w/ CINDER and coal matl.					
6	4024.30	1		1525	0-PPM			
12								
18			SAND, medium/fine - olive green [this soil appears to be native material]					
24	4024.31	2		1525	0-PPM			
30								
36								
42								
48								

02-25-1999 X:\MTECH5\M3\M3-B119.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B120

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-03-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0								
6	4027.02	1	SAND, fine - brown	1025	0-PPM			
12								
18								
24	4027.03	2		1025	0-PPM			
30								
36								
42								

02-25-1999 X:\MTECH5\M3\M3-B120.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B121

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	4027.04	1		1040	0-PPM
			CINDERS		
12					
18					
24	4027.05	2		1040	0-PPM
30			SAND, medium/fine - olive green		
36					
42					
48					
54					

02-26-1999 X:\MTECH5\M3\M3-B121.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B122

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ some small rnd. gravels, glass and coal frags.					
6	4027.06	1		1059	0-PPM			
12								
18								
24	4027.07	2		1059	0-PPM			
30								
			CINDERS					
36								
42								
48								

02-26-1999 X:\MTECH5\M3\M3-B122.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B123

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown w/ some small rnd. gravels, glass and coal frags.		
6	4027.08	1		1140	0-PPM
12					
18					
24	4027.09	2		1140	0-PPM
30					
			CINDERS		
36					
42					
48					

02-24-1999 X:\MTECH5\M3\M3-B123.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B124

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-03-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4027.10	1		1257	0-PPM			
12								
18								
24	4027.11	2		1257	0-PPM			
30								
			CINDERS					
36								
42								
48								

02-24-1999 X:\MTECH5\M3\M3-B124.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B125

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4027.12	1		1314	0-PPM			
12								
18								
24	4027.13	2		1314	0-PPM			
30								
			CINDERS					
36								
42								
48								

02-24-1999 X:\MTECH5\M3\M3-B125.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B126

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands w/ cinders,coal and wood debris.					
6	4027.14	1		1328	0-PPM			
12								
18								
24	4027.15	2		1328	0-PPM			
30								
36								
42								

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LOG OF BORING M3-B127

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-03-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands w/ cinders.					
6	4027.16	1		1346	0-PPM			
12								
18								
24	4027.17	2		1346	0-PPM			
30								
36								
42								
48								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-03-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands w/ cinders,coal and wood debris.					
6	4027.18	1		1402	0-PPM			
12								
18								
24	4027.19	2		1402	0-PPM			
30								
36								
42								
48								

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LOG OF BORING M3-B129

U.S. ARMY
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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SAND, and cinders		
6	4027.20	1		1421	0-PPM
12			SANDY SILT, fine - olive green / iron stained		
18					
24	4027.21	2		1421	0-PPM
30					
36			SAND, fine - lt. brown		
42					
48					

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, medium/fine - w/ some cinders					
6	4027.22	1		1436	0-PPM			
12								
18								
			CINDERS and SILTY SAND, fine - olive green / iron stained.					
24	4027.23	2		1436	0-PPM			
			SILTY CLAY, and fine sand - olive green					
30								
36								
42								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-03-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, medium/fine - w/ some cinders					
6	4027.24	1		1456	0-PPM			
12								
18			CINDERS and SILTY SAND, fine - olive green / iron stained.					
24	4027.25	2		1456	0-PPM			
			SILTY CLAY, and fine sand - olive green					
30								
36								
42								

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LOG OF BORING M3-B132

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4027.26	1		1511	0-PPM			
12								
18								
			CINDERS					
24	4027.27	2		1511	0-PPM			
			SILTY CLAY, AND SAND, fine - olive green					
30								
36								
42								
48								
54								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed Sands And Cinders					
6								
	4027.28	1		1528	0-PPM			
12								
18								
24	4027.29	2		1528	0-PPM			
30								
36								
42								
48								
54								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-03-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			Mixed Sands,Silts, And Cinders		
6	4027.30	1		1545	0-PPM
12					
			SAND, medium/fine - brown / olive green		
18					
24	4027.31	2		1545	0-PPM
30					
36					
42					

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-04-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown with Coal and Cinder material					
6	4030.02	1		1413	0-PPM			
12								
18								
			SILTY SAND, fine - brown / olive green with Coal and cinders					
24	4030.03	2		1413	0-PPM			
30								
36								
42								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-04-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Sands and mixed Fill					
6	4030.04	1		1425	0-PPM			
12								
18								
24	4030.05	2		1425	0-PPM			
30								
36								
42								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-04-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown with some <2% Coal Material					
6	4030.06	1		1440	0-PPM			
12								
18			CINDERS and COAL Material					
24	4030.07	2		1440	0-PPM			
30								
36								
42								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-04-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown with some CINDERS					
6	4030.08	1		1500	0-PPM			
12								
18								
			CINDER Material					
24	4030.09	2		1500	0-PPM			
30								
36								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-04-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed Sand and Cinders					
6	4030.10	1		1515	0-PPM			
12								
18			SAND, medium/fine - light brown / olive green					
24	4030.11	2		1515	0-PPM			
30								
36								
42								
48								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-04-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			Mixed Sand and Cinders		
6	4030.12	1		1529	0-PPM
12					
			SILTY SAND, fine - olive green		
18					
24	4030.13	2		1529	0-PPM
30					
36					
42					

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LOG OF BORING M3-B141

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-04-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed Sands And Silty Sand Fine/Medim With Cinders and Coal With Some newspaper residue.					
6	4030.14	1		1545	0-PPM			
12								
18								
24	4030.15	2		1545	0-PPM			
30								
36								
42								

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LOG OF BORING M3-B142

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-04-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	4030.16	1		1605	0-PPM
12					
18			CINDER & COAL Fill Material (23"-27") Wet Loamy Black Material		
24	4030.17	2		1605	0-PPM
30					
36					
42					

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-04-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4030.18	1		1618	0-PPM			
12								
18								
			Cinders and Coal Material					
24	4030.19	2		1618	0-PPM			
30								
36								
42								
48								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine - brown					
6	4041.02	1		0930	0-PPM			
12								
18								
24	4041.03	2		0930	0-PPM			
			SAND, fine - light olive green					
30								
36								
42								
48								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
			CINDERS		
6	4041.04	1		0950	0-PPM
12					
18			SILTY SAND, fine - olive green w/ 5% cinder matl.		
24	4030.05	2		0950	0-PPM
30					
36					
42					

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			CINDERS and SILTY SAND, fine - brown					
6	4041.06	1		1005	0-PPM			
12								
18								
24	4041.07	2		1005	0-PPM			
30								
36								
42								

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LOG OF BORING M3-B147

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown / lt. olive green					
6	4041.08	1		1020	0-PPM			
12			NATIVE SOILS APPEARANCE					
18								
24	4030.09	2		1020	0-PPM			
30								
36								
42								
48								
54								

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JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4041.10	1		1057	0-PPM			
12								
18								
			SAND, medium/coarse - gray					
24	4041.11	2		1057	0-PPM			
			CINDERS					
30								
36								
42								
48								

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine/ medium - brown / lt. olive green					
6	4041.12	1		1140	0-PPM			
12			NATIVE SOILS APPEARANCE					
18								
24	4030.13	2		1140	0-PPM			
30								
36								
42								
48								
54								

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			TURF					
			CINDER Material					
6								
	4041.14	1		1257	0-PPM			
12								
18								
24	4041.15	2		1257	0-PPM			
30								
36								
42								
48								

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SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6								
	4041.16	1		1310	0-PPM			
12								
18								
24	4030.17	2		1310	0-PPM			
30								
36								
42								
48								

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FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B152

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown with some CINDERS					
6	4041.18	1		1328	0-PPM			
12								
18								
			CINDERS					
24	4041.19	2		1328	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B153

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine - brown					
6	4041.20	1		1350	0-PPM			
12			NATIVE SOILS APPEARANCE					
18								
24	4030.21	2		1350	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B154

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	4041.22	1		1430	0-PPM
12					
18			CEMENT		
			CINDER and coal matl.		
24	4041.23	2		1430	0-PPM
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B155

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SAND, fine - brown					
6	4041.24	1		1450	0-PPM			
12			NATIVE SOILS APPEARANCE					
18								
24	4030.25	2		1450	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B156

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SANDS, CEMENT & CINDERS					
6	4041.26	1		1500	0-PPM			
12								
18								
24	4041.27	2		1500	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B157

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-09-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			CINDERS and mixed sands					
6	4041.28	1		1520	0-PPM			
12								
18								
24	4030.29	2		1520	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B158

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-09-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			CINDERS & Mixed SANDS					
6	4041.30	1		1530	0-PPM			
12								
18								
24	4030.31	2		1530	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B159

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4046.02	1	SILTY SAND, fine - brown / lt. olive green	0920	0-PPM			
12								
18			CINDER and coal material					
24	4046.03	2		0920	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B160

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - CINDER Material					
6	4046.04	1		0950	0-PPM			
12								
18								
24	4046.05	2		0950	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B161

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown w/ cement debris					
6	4046.06	1		1020	0-PPM			
12								
18			SILTY SAND, fine - brown / olive green and iron stained					
24	4046.07	2		1020	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B162

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed Sands & Cinder Material					
6	4046.08	1		1038	0-PPM			
12								
18								
24	4046.09	2		1038	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B163

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown / tan		
6	4046.10	1		1050	0-PPM
12					
18			CINDERS		
24	4046.11	2		1050	0-PPM
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B164

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4046.12	1		1250	0-PPM			
12			CLAYEY SILT, And SAND, fine - with CINDERS					
18								
24	4046.13	2		1250	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B165

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - tan					
6	4046.14	1		1308	0-PPM			
			CINDERS					
12								
18								
24	4046.15	2		1308	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B166

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-10-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4046.16	1		1320	0-PPM			
12								
18			CINDERS					
24	4046.17	2		1320	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B167

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - tan					
6	4046.18	1		1332	0-PPM			
			CINDERS					
12								
18								
24	4046.19	2		1332	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B168

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - light olive green/tan					
6								
	4046.20	1		1346	0-PPM			
12								
			Native Soil Apperance					
18								
24	4046.21	2		1346	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B169

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4046.22	1		1359	0-PPM			
12								
18								
			SILTY SAND, fine - olive green					
24	4046.23	2		1359	0-PPM			
30			CEMENT,					
36								
			CINDERS					
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B170

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-10-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine -with <2% Coal Fragments					
6	4046.24	1		1418	0-PPM			
12								
18								
			CINDERS					
24	4046.25	2		1418	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B171

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	4046.26	1	CINDERS w/ alt. layers of silty fine sand - dk. olive green	1430	0-PPM
12					
18					
24	4046.27	2		1430	0-PPM
30					
36					
42					
48					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B172

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown/light olive green					
6	4046.28	1		1440	0-PPM			
12								
18								
24	4046.29	2		1440	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B173

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-10-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	4046.30	1	CINDERS w/ alt. layers of silty fine sand - dk. olive green	1500	0-PPM
12					
18					
24	4046.31	2		1500	0-PPM
30					
36					
42					
48					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B175

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - lt. olive green					
6								
	4058.02	1		1015	0-PPM			
12								
18								
24	4058.03	2		1015	0-PPM			
30								
36								
42								
48								
54								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B176

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-16-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4058.05	1		1035	0-PPM			
12			Coal Fragments and SILTY SAND, fine - olive green					
18								
24	4058.06	2		1035	0-PPM			
30								
			SILTY CLAY, and SAND, fine - dark olive green					
36								
42								
48								
54								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B177

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-16-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
			CINDERS					
6	4058.06	1		1050	0-PPM			
12								
18								
24	4058.07	2		1050	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B178

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Turf					
			CINDER Material					
6								
	4058.08	1		1105	0-PPM			
12								
18								
24	4058.09	2		1105	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B179

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4058.10	1		1124	0-PPM			
12			CINDERS					
18								
24	4058.11	2		1124	0-PPM			
30								
36								
42								
48								

02-24-1999 X:\MTECH5\M3\M3-B179.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B180

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	4058.12	1		1140	0-PPM
12					
18					
24	4058.13	2		1140	0-PPM
			SILTY SAND, fine - olive green		
			Asphalt Material		
30					
36					
42					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B181

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4058.14	1		1155	0-PPM			
12								
18			CINDERS					
24	4058.15	2		1155	0-PPM			
30								
36								
42								

02-26-1999 X:\MTECH5\M3\M3-B181.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B182

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, tan with some small round gravel					
6								
	4058.16	1	Cement Chunks And Mixed Sands	1300	0-PPM			
12								
18								
24	4058.17	2		1300	0-PPM			
30								
36								
42								

02-24-1999 X:\MTECH5\M3\M3-B182.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B183

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - lt. brown / lt. olive green		
6	4058.18	1		1319	0-PPM
12					
18					
24	4058.19	2	SAND, medium/coarse - tan	1319	0-PPM
			CINDERS		
30			SILTY SAND, fine - dk. olive green		
36					
42					

02-26-1999 X:\MTECH5\M3\M3-B183.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B184

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6			CINDERS					
	4058.20	1		1340	0-PPM			
12								
18								
24	4058.21	2		1340	0-PPM			
30								
36								
42								

02-24-1999 X:\MTECH5\M3\M3-B184.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B185

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-16-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY CLAY, and fine sand - brown					
6	4058.22	1		1403	0-PPM			
12								
18			CINDERS					
24	4058.23	2		1403	0-PPM			
30								
36								
42								
48								

02-24-1999 X:\MTECH5\M3\M3-B185.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B186

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4058.24	1		1415	0-PPM			
12								
18								
			SILTY SAND, fine - brown with angular gravel					
24	4058.25	2		1415	0-PPM			
30								
36								
			CINDERS					
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B187

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-16-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4058.26	1		1430	0-PPM			
12								
18								
24	4058.27	2		1430	0-PPM			
30			CINDER and coal matl.					
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B188

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - light olive green					
6	4058.28	1		1449	0-PPM			
12								
18								
24	4058.29	2	Native Soil Apperance	1449	0-PPM			
30								
36								
42								
48								
54								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B189

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-16-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4058.30	1		1500	0-PPM			
12								
18			CINDERS					
24	4058.31	2		1500	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B190

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-17-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4067.02	1		1030	0-PPM			
12								
18								
24	4067.03	2		1030	0-PPM			
30								
36			CINDERS					
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B191

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4067.04	1		1048	0-PPM			
12								
18								
24	4067.05	2		1048	0-PPM			
			CINDERS					
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B192

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-17-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4067.06	1		1108	0-PPM			
12								
18			Mixed Sands and Round Gravel with Asphalt Material					
24	4067.07	2		1108	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B193

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown / lt. olive green					
6	4067.08	1		1123	0-PPM			
12								
18								
24	4067.09	2		1123	0-PPM			
30			CINDER and coal matl.					
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B194

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4067.10	1		1140	0-PPM			
12								
18			Native Soils Apperance					
24	4067.11	2		1140	0-PPM			
30								
36								
42								
48								
54								

02-26-1999 X:\MTECH5\M3\M3-B194.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B195

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6								
	4067.12	1	Mixed sands and cinders	1155	0-PPM			
12								
18								
24	4067.13	2		1155	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B196

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4067.14	1		1308	0-PPM			
12								
18			Mixed Sands, Cinders And Coal Fragments					
24	4067.15	2		1308	0-PPM			
30								
36								
42								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B197

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-17-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			Mixed sands and cement, cinder and wood debris					
6	4067.16	1		1340	0-PPM			
12								
18								
24	4067.17	2		1340	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B198

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown		
6	4067.18	1		1358	0-PPM
12					
18			CINDERS and Sand, Fine		
24	4067.19	2		1358	0-PPM
30			Cinder Material		
36					
42					
48					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B199

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4067.20	1		1417	0-PPM			
12								
18								
24	4067.21	2		1417	0-PPM			
30			CINDERS					
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B200

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-17-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4067.22	1		1430	0-PPM			
12			Native Soils Apperance					
18								
24	4067.23	2		1430	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B201

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6	4067.24	1	CINDERS	1448	0-PPM			
12								
18								
24	4067.25	2		1448	0-PPM			
30								
36								
42								
48								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B202

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown/tan					
6	4067.26	1		1503	0-PPM			
12								
18								
24	4067.27	2		1503	0-PPM			
30			CINDERS					
36								
42								

02-24-1999 X:\MTECH5\M3\M3-B202.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B203

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown					
6								
	4067.28	1		1516	0-PPM			
12								
18								
			CINDERS					
24	4067.29	2		1516	0-PPM			
30								

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B204

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-17-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - brown/tan					
6								
	4067.30	1		1528	0-PPM			
12								
18								
			CINDERS					
24	4067.31	2		1528	0-PPM			
30								
36								

02-24-1999 X:\MTECH5\M3\M3-B204.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B205

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED : 11-18-98
HOLE DIAMETER : 2"
DRILLING METHOD : GEOPROBE
SAMPLING METHOD : 2" MACROCORE
H2O SAMPLER :

OPERATOR : MARK LAURA
CONTRACTOR : TVS-PWS-007
NJDEP LIC.# : J1486

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU
0			SILTY SAND, fine - brown / lt. olive green		
6	4068.02	1		0930	0-PPM
12					
18			CINDERS		
24	4068.03	2		0930	0-PPM
30					
36			SILTY CLAY, and fine sand - olive green		
42					
48					

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U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B206

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-18-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - lt. brown / lt. olive green					
6								
12			NATIVE SOILS APPEARANCE					
18								
24								
30								
36								
42								
48								
54								

02-26-1999 X:\MTECH5\M3\M3-B206.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B207

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-18-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - lt. brown / lt. olive green					
6								
12			NATIVE SOILS APPEARANCE					
18								
24								
30								
36								
42								
48								
54								

02-26-1999 X:\MTECH5\M3\M3-B207.BOR

U.S.ARMY
FORT MONMOUTH
SELFM-PW-EV

LOG OF BORING M3-B208

U.S. ARMY
FT. MONMOUTH N.J.
SELFM- PW-EV

JOSEPH FALLON

M-3 LANDFILL

DATE COMPLETED	: 11-18-98	OPERATOR	: MARK LAURA
HOLE DIAMETER	: 2"	CONTRACTOR	: TVS-PWS-007
DRILLING METHOD	: GEOPROBE	NJDEP LIC.#	: J1486
SAMPLING METHOD	: 2" MACROCORE		
H2O SAMPLER	:		

Depth in INCHES	Lab No.	Samples	DESCRIPTION	TIME	HNU			
0			SILTY SAND, fine - lt. brown / lt. olive green					
6								
			NATIVE SOILS APPEARANCE					
12								
18								
24								
30								
36								
42								

02-26-1999 X:\MTECH5\M3\M3-B208.BOR

APPENDIX F

Compliance Average Area Names

Appendix F
Compliance Average Area Names
M-3 Landfill
Fort Monmouth, New Jersey

Compliance Area Name:	AREA VOC-1	Boring ID
		B162
		B163
		B169
		B170
		B176
		B177

Compliance Area Name:	AREA SVOC-1	Boring ID
		B110
		B114
		B115
		B116
		B120
		B121
		B125
		B126
		B130
		B131
		B135
		B136
		B137
		B140
		B141
		B142
		B145
		B146
		B147
		B150
		B151
		B152
		B153
		B156
		B157
		B158
		B159
		B163
		B164
		B165
		B170
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		B177
		B178
		B184
		B185
		B189
		B190
		B191
		B194
		B195

B196
B197
B200
B201

Compliance Area Name: **AREA SVOC-2** **Boring ID**

B40
B51
B61
B70
B71
B80
B81
B82
B85
B86
B87
B88
B89
B90
B91
B92

Compliance Area Name: **AREA SVOC-3** **Boring ID**

B6
B7
B8
B9
B10
B11
B18
B19
B20
B21
B22
B23
B24
B32
B33
B42
B43
B53

Compliance Area Name: **AREA PESTPCB-1** **Boring ID**

B81
B86
B87
B92
B93
B96
B100
B107
B111
B115
B120
B125

B130
B134

Compliance Area Name: **AREA PESTPCB-2** **Boring ID**

B10
B11
B12
B13
B14
B25
B26
B27

Compliance Area Name: **AREA METALS-1** **Boring ID**

B6
B17
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